



STUDENT SUCCESS **STARTS** HERE!

Think • Engage • Create • Communicate • Apply

Think Critically

Definition: Critical thinking is an evaluation process that involves questioning, gathering, and analyzing opinions and information relevant to the topic or problem under consideration. Critical thinking can be applied to all subject areas and modes of analysis (historical, mathematical, social, psychological, scientific, aesthetic, literary, etc.). Students who think critically:

- · Identify and define key issues
- Determine information need, find and cite relevant information
- Demonstrate knowledge of the context and complexity of the issue
- Integrate other relevant points of view of the issue
- Evaluate supporting information and evidence
- Construct appropriate and defensible reasoning to draw conclusions

Engage Diverse Values with Civic and Ethical Awareness

Definition: Engaged students actively participate as citizens of local, global and digital communities. Engaging requires recognizing and evaluating one's own views and the views of others. Engaged students are alert to how views and values impact individuals, circumstances, environments and communities. Students who engage:

- Recognize and clarify personal values and perspectives
- Evaluate diverse values and perspectives of others
- Describe the impact of diverse values and perspectives on individuals, communities, and the world
- Demonstrate knowledge of democratic values and practices
- · Collaborate with others to achieve shared goals

Create Ideas and Solutions

Definition: Creative thinking is the ability and capacity to create new ideas, images and solutions, and combine and recombine existing images and solutions. In this process, students use theory, embrace ambiguity, take risks, test for validity, generate new questions, and persist with the problem when faced with resistance, obstacles, errors, and the possibility of failure. Students who create:

- Experiment with possibilities that move beyond traditional ideas or solutions. Embrace ambiguity and risk mistakes
- Explore or resolve innovative and/or divergent ideas and directions, including contradictory ideas
- Utilize technology to adapt to and create new media
- Invent or hypothesize new variations on a theme, unique solutions or products; transform and revise solution or project to completion
- Persist when faced with difficulties, resistance, or errors; assess failures or mistakes and rework
- · Reflect on successes, failures, and obstacles

Communicate Effectively

Definition: To communicate effectively, students must be able to interact with diverse individuals and groups, and in many contexts of communication, from face-to-face to digital. Elements of effective communication vary by speaker, audience, purpose, language, culture, topic, and context. Effective communicators value and practice honesty and respect for others, exerting the effort required to listen and interact productively. Students who communicate effectively:

- Select an effective and appropriate medium (such as face-to-face, written, broadcast, or digital) for conveying the message
- Create and express messages with clear language and nonverbal forms appropriate to the audience and cultural context
- Organize the message to adapt to cultural norms, audience, purpose, and medium
- Support assertions with contextually appropriate and accurate examples, graphics, and quantitative information
- Attend to messages, check for shared meaning, identify sources of misunderstanding, and signal comprehension or non-comprehension
- Demonstrate honesty, openness to alternative views, and respect for others' freedom to dissent

Apply Learning

Definition: Applied learning occurs when students use their knowledge and skills to solve problems, often in new contexts. When students also reflect on their experiences, they deepen their learning. By applying learning, students act on their knowledge. Students who apply learning:

- Connect theory and practice to develop skills, deepen understanding of fields of study and broaden perspectives
- Apply skills, abilities, theories or methodologies gained in one situation to new situations to solve problems or explore issues
- Use mathematics and quantitative reasoning to solve problems
- Integrate and reflect on experiences and learning from multiple and diverse contexts

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from: Angela Miller, editor; Tammy Salman, coordinator of student outcomes	and	Instructional Staff	268
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Melanie Brown, curriculum specialist; Matt Danskine, technology analyst and			
design; Neil Isaacson and Bruce Nichols, graphic design; cover design by Funk/			
Levis and Associates.			

To request this information in an alternate format, contact the Center for Accessible Resources at 541.463.5150 or AccessibleResources@lanecc.edu

Academic Calendar 2017-2018

Summer Term 2017 (session 201810)

D 1	NA 0.40 7
Registration begins*	May 8-16 —7 a.m.
Open registration begins*	June 13 —7 a.m.
Summer term books available	June 19
Summer term classes begin	June 26
Independence Day, college clos	ed July 4
First four-week session	June 26-July 22
Second four-week session	July 25-August 19
Third four-week session	August 22-September 16
First six-week session	June 26-August 5
Second six-week session	August 8-September 16
Eight-week session	June 26-August 19
Twelve-week session	June 26-September 16
Labor Day, college closed	September 4

Fall Term 2017 (session 201820)

	- 1
Registration begins*	May 22-31 —7 a.m.
Open registration begins*	September 5 —7 a.m.
Fall term books available	September 11
Inservice, college closed	September 21
Fall term classes begin	September 25
Last day to receive a tuition refund	October 1
	—11:59 p.m.
Veterans' Day, college closed	November 10
Last day for schedule changes	November 17
Thanksgiving weekend, college clo	sed November 23-26
Finals week	December 4-9
Fall term ends	December 9
Winter break	December 10-January 7
Holiday Observance, college close	d December 22-26

Winter Term 2018 (session 201830)

	/
Registration begins* October 30 -Nov	vember 7 —7 a.m.
Open registration begins* Dec	ember 5 —7 a.m.
Winter term books available	December 28
New Year's Day, college closed	January 1
Winter term classes begin	January 8
Last day to receive a tuition refund	January 14,
	—11:59 p.m.
Martin Luther King Day, college closed	January 15
Presidents' Day, college closed	February 19
Last day for schedule changes	March 2
Finals week	March 19-24
Winter term ends	March 24
Spring break	March 25-April 1

Spring Term 2018 (session 201840)

Registration begins*	February 12-21 —7 a.m.
Open registration begins*	March 13 —7 a.m.
Spring term books available	March 26
Spring term classes begin	April 2
Last day to receive a tuition refur	nd April 8 —11:59 p.m.
Spring Conference, college close	d May 4
Last day for schedule changes	May 25
Memorial Day, college closed	May 28
Finals week	June 11-16
Spring term ends	June 16
Graduation	June 16

 $[\]hbox{\it **} For detailed registration information, visit lanecc.edu/calendars / registration-calendar.}$

June 2017

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Taking a class at Lane is easy!

Watch the Getting Started at Lane YouTube video at youtube.com/lanetuberscafe by entering the "Taking a Class at Lane is Easy" in the search box.



Start Your Success at Lane

Welcome to Lane Community College and congratulations on your choice to attend one of Oregon's premier community colleges! I am honored to join you in your journey as I start my first year as Lane's seventh president. For more than 50 years, Lane has provided exemplary education, training and community enrichment services for our community, earning a national reputation for excellence, innovation and sustainability.

You have chosen a college that transforms lives through learning both in the classroom with highly qualified faculty and outside of the classroom through our many support services. While you are here, I invite you to use our bookstore, browse the library, find a favorite place to study, and become a part of the Lane community by joining a club, playing a sport or an instrument, and meeting new people who can help you better understand the world in which you live.



At Lane, you are never far from a campus center. Whether you enjoy a downtown vibe or a coastal setting, we have a place for you to study and complete your degree or certificate. We also have a comprehensive offering of online courses to help you complete your goal from any location at a time convenient to you.

All of us at Lane are here to ensure that you have a personalized educational experience that will help you achieve your goals. Come and experience how Lane Community College transforms lives through learning!

I look forward to seeing you on campus and shaking your hand at graduation. I wish you a happy, healthy and memorable year at Lane!

Dr. Margaret Hamilton, President Lane Community College



About Lane Community College

Lane is a comprehensive community college dedicated to providing accessible, high quality, affordable, lifelong education. The college offers dozens of credit and noncredit programs.

Lane serves a population of approximately 362,000 people within a 5,000-square-mile area stretching from the Pacific Ocean to the Cascade Mountains.

The district includes most of Lane County, Monroe Elementary School District in Benton County, Harrisburg Union High School District in Linn County, and a small area in northern Douglas County. The college is governed by a seven-member elected board.

In addition to the main campus in south Eugene, the college has centers at Florence, Cottage Grove, downtown Eugene, and the Eugene Airport.

Enrollment

During the 2015-16 academic year, 28,219 students enrolled in Lane Community College classes. The average age for all students was 34 years.

Accreditation. Certificates and Affiliations

Lane is accredited by the Northwest Commission on Colleges and Universities, 8060 165th Avenue N.E., Suite 100, Redmond, WA 98052. The Commission is an institutional accrediting body recognized by the Council for Higher Education Accreditation and/or the U.S. Department of Education. Related regional accreditation documents are on reserve in the college library.

Individual Lane programs are evaluated for quality by numerous vocational and professional accrediting associations, including:

- Automotive Technology, certified by the National Automotive Technicians Education Foundation, a non-profit foundation within the National Institute for Automotive Service Excellence
- Aviation Maintenance, approved under Part 147 of the Federal Aviation Regulations of the Federal Aviation Administration
- Culinary Arts, accredited by the American Culinary Federation Foundation Accrediting Commission, a specialized accrediting commission recognized by the Council for Higher Education Accreditation
- Dental Assisting, accredited by American Dental Association's Commission on Dental Accreditation, a specialized accrediting board recognized by the U.S. Department of Education. The Commission may be contacted at 312.440.4653 or 211 East Chicago Avenue, Chicago, Illinois 60611
- Dental Hygiene, accredited by American Dental Association's Commission on Dental Accreditation, a specialized accrediting board recognized by the U.S. Department of Education. The Commission may be contacted at 312.440.4653 or 211 East Chicago Avenue, Chicago, Illinois 60611
- Diesel Technology, evaluated and accredited by the Association of Equipment Distributors Foundation; membership: Northwest Diesel Industry Council and the Oregon Trucking Association
- Energy Management, awarded Institute for Sustainable Power Quality accreditation credential from the Interstate Renewable Energy Council, International Standard #0102,1 for accreditation and certification of renewable energy training programs and instructors
- Exercise and Movement Science: The American College of Sports Medicine has endorsed the curriculum for Lane Community College's Associate of Applied Science program.
- Flight Technology approved by the Federal Aviation Administration. Flight Technology is a Certified Part 141 approved training course and is the only flight school in the state of Oregon with FAA approved self-examining authority for Private Pilot, Commercial Pilot and Instrument Rating.
- Geospatial Information Science and Technology Endorsement of The National Geotech Center, Del Mar Community College.

- Hospitality Management, accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA). Students graduating from the program will receive national certification status as a Certified Hospitality Graduate (CHG).
- Medical Assistant, accredited by the Commission on Accreditation of Allied Health Education Programs, a specialized accrediting board recognized by the Council for Higher Education Accreditation, on recommendation of the Medical Assisting Education Review Board of the American Association of Medical Assistants Endowment. Commission on Accreditation of Allied Health Education Programs, 1361 Park Street, Clearwater, FL 33756, 727.210.2350
- Nursing, the Oregon State Board of Nursing, 17938 SW Upper Boones Ferry Rd., Portland, OR 97163-0685, oregon.gov/OSBN
- Physical Therapist Assistant, accredited by the Commission on Accreditation in Physical Therapy Education of the American Physical Therapy Association (CAPTE), 1111 N. Fairfax Street, Alexandria, VA 22134); phone: 703.706.3245; email: accreditation@apta.org; website: capteonline.org
- Paramedicine accredited by the Oregon Department of Education (ODE) or the Oregon State Board of Higher Education. The ODE uses the DHS/EMS administrative rules (OAR 333-265) and must meet the standards established by the ODE in OAR chapter 581, division 49. arcweb.sos.state.or.us/rules/OARS_500/ OAR_581/581_049.html
- Practical Nursing, accredited by the Oregon State Board of Nursing (OSBN), 17938 SW Upper Boones Ferry Rd., Portland, OR 97163-0685, oregon.gov/OSBN
- Respiratory Care, accredited by the Commission on Accreditation for Respiratory Care, coarc.com

Awards

The college has earned national recognition for many of its instructional programs, services and administrative practices. Lane also is a member of the League for Innovation in the Community College and is an Achieving the Dream College.

Funding

Lane Community College is funded by local property taxes, state revenues, and tuition and fees. The 2016-17 General Fund budgeted resources are \$91,560,078 of which 57 percent came from intergovernmental, 37 percent from tuition and mandatory fees, and 5 percent from other sources.

In November 2008, Lane county voters approved an \$83 million 15 year bond. Funds are being used to update instructional facilities, equipment and technology at Lane. Work began summer 2009 with upgrades to roofing, central heating and cooling systems upgrades, and increased safety lighting.

The college also has a foundation which is an independent, nonprofit corporation that raises funds to support programs for which tax monies are insufficient or unavailable.

myLane

Use myLane for registration, account payments, viewing schedules, class details, financial aid, and grades. Check each term's class schedule for information on registration dates, getting your "L" number and going online in myLane.

How to Get Started at Lane

Who Can Attend Lane

In general, anyone 18 years or older may enroll in Lane Community College credit classes. A high school diploma is not required. Noncredit classes are generally open to persons 16 years or older.

The college is dedicated to helping each student accomplish his or her immediate educational goals.

What Lane Has To Offer

Lane Community College offers lower division college courses, career technical training, precollege and skill development, cooperative programs with area high schools, career and life planning, services for businesses, continuing education, and cultural activities.

Credit Classes and Programs

Some of the courses offered at the college are for "credit." Credit courses are designed to be transferable to other colleges or to be part of a career technical degree program. For detailed information about credit programs and courses, see Career Technical programs and Course Descriptions.

Noncredit Community Education Classes

Noncredit courses are not transferable to Lane's associate degrees and career technical degree programs or to other colleges. Information about these offerings begins on page 259.

Good Places to Start

Lane offers a variety of educational options which are designed to meet the needs of individuals at different stages of their lives and education. The following are good places to start.

AskLane Lane's 24/7 online tool for finding answers to general questions related to attending Lane can be found as a search option at the top of each Lane webpage.

Catalog This catalog is produced annually in the spring and is available at no charge at college centers. It also is available through the mail for a small charge. To order a catalog, call the Titan Store at 541.463.5256. The catalog also can be found on Lane's Web site, *lanecc.edu*.

Lane's catalog is published for informational purposes and every effort is made to insure accuracy at the time of printing. However, the provisions in this catalog are not to be regarded as an irrevocable contract between the student and the college. Lane Community College reserves the right to change any provision or requirement at any time. Students are advised to study the web class schedule and to work closely with a counselor or academic advisor. Students also are encouraged to see a counselor or academic advisor early in their programs of study to obtain the most accurate information on their program requirements.

Class schedule The online class schedule is available on the web at *lanecc.edu* about one week before registration begins. Registration usually begins the fourth week of the preceding term except fall term, which occurs the preceding spring term. The most current registration calendar can be found on Lane's web site at *lanecc. edu/calendars/registration-calendar*.

The Continuing Education Class schedule which contains noncredit offerings is mailed to homes in the college district each term. Lane Community College at Florence also mails schedules specific to the Florence Center to Florence area residents.

Counseling and Advising Center Building 1, First Floor, Room 103, lanecc.edu/counseling, 541.463.3200, coundept@lanecc.edu

The Counseling and Advising Center assists students in planning and meeting their educational goals. The center provides academic advising, career advising and counseling, and retention counseling. Hours are Monday-Wednesday, 8 a.m.-5 p.m.; Thursday, 8 a.m.-4 p.m.; Friday, 8 a.m.-2 p.m. Summer term, Monday-Thursday, 9 a.m.-5 p.m.; Friday, hours vary.

For information about the center and other counseling services, see Counseling and Advising Center.

Counseling services also are available at these off-campus centers: Lane Community College at Cottage Grove, 541.463.4202; and Lane Community College at Florence, 541.997.8444 or 541.463.4800.

Enrollment and Student Financial Services Building 1, First Floor (Lobby), *lanecc.edu/esfs*/541.463.3100

Enrollment and Student Financial Services admits credit students and provides registration and billing assistance to all students.

Financial Aid Building 1, First Floor (Lobby), lanecc.edu/finaid/, 541.463.3400

Financial aid responds to all questions and issues regarding financial aid.

Web Information about the college, such as the catalog, class schedule, and myLane, can be found on the Internet at *lanecc.edu*.

Titan Peer Associates Building 1, First Floor (Lobby)

Student peers are available to assist students to access online Enrollment and Student Financial Services and Financial Aid services.

Other Good Starting Places:

College centers and maps, pages 8-9
Center for Accessible Resources, page 20
English as a Second Language, page 260
International Student Program, page 23
Multicultural Center, page 25
Native American Program, page 26
TRiO Learning Center, pages 27
Veterans' Services, pages 28-30
Women's Center, page 30

Como Empezar en Lane

Quien puede asistir a Lane

En general, cualquier persona 18 años o mayor puede matricularse en clases de valor curricular en Lane Community College. No se requiere diploma de preparatoria. Las clases al público sin valor curricular generalmente están abiertas a personas de 16 años o mayores. El college está dedicado a ayudar a cada estudiante a lograr sus metas educativas inmediatas.

Que les Ofrece Lane

Lane Community College ofrece cursos de tronco común, capacitación profesional y vocacional, desarrollo de habilidades preuniversitarias, programas cooperativos con preparatorias locales, orientación profesional y personal, servicios para empresas, educación continua, y actividades culturales.

Programas y Clases de Valor Curricular

Algunos de los cursos que el college ofrece son de "crédito" (valor curricular). Los cursos de crédito curricular están diseñados para transferirlos a otros colleges/universidades o para que formen parte de un programa técnico/profesional. La información sobre clases de crédito curricular empiezan en Career Technical Programs y Course Descriptions.

Clases de Educación Comunitaria

Los cursos "sin crédito" no pueden transferirse a otros colleges/ universidades ni pueden formar parte de un programa de grado técnico/profesional. La información sobre estos cursos empieza en la página 259.

Buenos Puntos de Partida

Lane ofrece una variedad de opciones educativas las cuales están diseñadas para cumplir con los deseos académicos de las personas durante las diferentes etapas de su vida yeducación. A continuación presentamos unos buenos puntos de partida.

Ask Lane es la herramienta en línea disponible las 24 horas del día que ayuda a contestar preguntas generales relacionadas con asistir a Lane. Se encuentra en la parte superior de la página inicial de Lane en lanecc.edu.

Catálogo Este catálogo se produce anualmente durante la primavera y lo puede adquirir gratis en los centros del college. También se puede ordenar, a bajo costo,por correo. Para ordenar un catálogo, llame a la Librería de Lane al 541.463.5256. El catálogo se encuentran en el portal de Lane en el Internet, *lanecc.edu*.

El catálogo de Lane es publicado para fines informativos y se hacen todos los esfuerzos para asegurar exactitud a la hora de imprimirlo. Sin embargo, lo presentado en este catálogo no debe ser considerado como un contrato irrevocable entre el estudiante y el college. Lane Community College reserva el derecho de cambiar, en cualquier momento, cualquier parte de lo presentado o de los requisitos. Se les aconsejaa los estudiantes revisar la lista de clases y asesorarse detalladamente con un consejero o asesor. También se les recomienda a los estudiantes obtener una evaluación formal de sus expedientes académicos, al iniciar sus programas de estudios, para así obtener la información más precisa sobre los requisitos que necesitan para sus programas.

Lista de Clases El horario de online clases está a su disposición en el Internet, en *lanecc.edu* aproximadamente una semana antes de que se inicie el registro. El registro usualmente inicia la cuarta semana del trimestre anterior excepto el trimestre de otoño, el cual se lleva a cabo durante el trimestre de primavera anterior.

La revista impresa con el horario de clases trimestrales tambiénes enviado por correo a los hogares dentro del distrito escolar aproximadamente una semana antes de que se inicie cada trimestre. El centro en Florence también envían por correo horarios de clases específicos a eso centro.

Centro de Consejería y Asesoría Edificio 1, Salón 103, 541.463.3200

El Centro de Consejería y Asesoría ayuda a los estudiantes a planear y alcanzar sus metas educativas. El centro proporciona asesoría académica, y consejería vocacional: Para recibir ayuda, vaya al centro o haga una cita al llamar al 541.463.3200.

Para información sobre el Centro y otros servicios de consejería, ver Counseling and Advising Center.

Servicios de consejería también se ofrecen el los siguientes centros fuera del plantel:

Downtown Campus, 541.463.5940 Lane Community College en Cottage Grove, 541.463.4202 Lane Community College en Florence, 541.997.8444 o 541.463.4800

Admisión/Enrollment and Student Financial Services Edificio 1, Primer piso, *lanecc.edu/esfs/*, 541.463.3100

Admisión/Enrollment and Student Financial Services proporciona una variedad de servicios para estudiantes de nuevo ingresos y para los que regresan a Lane. Estos servicios incluyen: admisión, apoyo y asesoría para la ayuda financiera, servicios de pagos, y ayuda con matriculación. Los horas de servicios: lunes-jueves, 9 a.m.-5 p.m. 4 y viernes, 9 a.m.-2 p.m. El colegio estará cerrado los Viernes durante el trimestre de Verano.

Financial Aid Edificio 1, Primer piso lanecc.edu/finaid/, 541.463.3400

Ayuda financiera responde a todas las preguntas y problemas de ayuda financiera.

Internet Para obtener información sobre el college en el Internet, vaya al *lanecc.edu*.

Titan Peer Associates Edificio 1, Primer piso

Compañeros de estudio están disponibles para ayudar a los estudiantes de Inscripción en línea y acceso a servicios financieros para estudiantes ayuda financiera y servicios.

Otros Buenos Puntos de Partida

Centros del college, páginas 8-9
Centro de Recursos de acceso, página 20
Inglés como Segundo Idioma, página 260
Programa para Estudiantes Internacionales, página 23
Centro Multicultural, página 25
Programa Nativo Americano, página 26
Centro de Aprendizaje TRiO, páginas 27
Oficina de Veteranos, páginas 28-30
Centro para la Mujer y el programas Transiciones, página 30

College Phone Numbers

Main college phone: 541.463.3000	
Administrators	
President	
Vice President, College Services	
Vice President, Academic and Student Affairs	
Executive Dean Academic Affairs, Career Technical.	
Executive Dean Academic Affairs, Transfer	
Executive Dean Student Affairs	541.463.5725
Admissions/Enrollment and Student Financial Services	. 541.463.3100
Adult Basic and Secondary Education (ABSE)	541.463.5214
Downtown Campus	541.463.6180
ABSE Volunteer Tutor Program	541.463.6184
Affirmative Action	541.463.5801
Associated Students of Lane	
Community College (ASLCC)	541.463.5365
Athletics	541.463.5599
Bookstore	541.463.5256
Career and Employment Services	541.463.5167
Center for Accessible Resources	541.463.5150
Child and Family Center	541.463.5517
Child and Family Education	541.463.5519
Continuing Education	541.463.6100
Cooperative Education	541.463.5203
Cottage Grove Center*	
Counseling (Main Campus)	541.463.3200
Credit Instructional Departments	
Academic Learning Skills	541.463.5439
Advanced Technology	
Arts Division	541.463.5409
Aviation Academy	541.463.4195
Business Department	541.463.5221
Child and Family Education	
Computer Information Technology	
Cooperative Education	
Culinary Arts and Hospitality Management	541.463.3503
Health and Physical Education	
Health Professions	
Human Development (Counseling Department)	
Language, Literature and Communication	
Mathematics	
Music, Dance and Theatre Arts	
Science	
Social Science	
Women's Program	
Denali (Student Publication)	
Dental Hygiene Clinic	
Dislocated Worker Program	
Downtown Campus Emergency Calls (on campus)	
Emergency cans (officallipus)	541.405.0000

Emergency Medical (on campus)	
Employment Services	
English as a Second Language	
Enrollment and Student Financial Services	541.463.3100
Family Connections of Lane and	
Douglas Counties541.463.39	
Financial Aid	
Fitness Education Center*	
Florence Center541.997	
Foundation	541.463.5135
GED, Classes	541.463.5214
GED, Testing	
Health Clinic	
High School Connections	
Institute for Sustainable Practices	
International Students Counselor	
KLCC (Radio Station)	541.463.6000
LaneOnline	541.463.5893
Library*	
Medical Emergencies (on campus)	541.463.5555
Multicultural Center	541.463.5276
Music, Dance and Theatre Arts Ticket Office	541.463.5202
Public Safety*	
(emergency calls)	
General Public Safety Information	
Recreational/Club Sports	
Registrar, Director of Enrollment Services	
Small Business Development Center	
Student Life and Leadership Development	541.463.5336
Student Financial Services	
Student Loan Payments (Perkins)	
Tuition and Other Payments	
Student Legal Services	
Student Records	
Student Resource Center	
Substance Abuse Prevention	
TTY (Personnel)	
Titan Store	541.463.5256
Torch (Student Newspaper)	
Tours (Main Campus)	541.463.5678
Transitions to Success	
TRIO Learning Center	541.463.3131
Veterans' Benefits	
Veterans' Services	541.463.5684
Women's Center	
Work Study	541.463.5039
Workforce Development	541.463.5223
* These offices and facilities also can be reached during	evening hours.



Locations and Maps

Facilities

The college has a 301-acre campus on 30th Avenue in Eugene. About one-third of the construction money came from local taxes and two-thirds from state and federal grants.

A new downtown campus in Eugene is centrally located and convenient for those who live, work or shop downtown.

Lane Community College at Cottage Grove provides educational services for the southern part of the college district, and the Florence Center serves residents in the western part of the district.

Lane's Aviation Academy offers two programs at its facilities at Eugene's Mahlon Sweet Airport: the Flight Technology Program offers ground/flight courses, and the Aviation Maintenance Technician Program offers advanced training at the Return-to-Service facility.

The college also offers classes via television and the Internet.

Bus Pass and Bus Transportation

Credit students, ABSE and ESL students at the main campus, Downtown Campus (DCA), and Aviation Academy are assessed a \$27 per term* transportation fee which covers the cost of several transportation initiatives that benefit our students, including a Lane Transit District bus pass. Other students are assessed a \$5 per term* transportation fee. For bus routes and bus pass information, log on to the LTD website at Itd.org or call LTD Customer Services at 541.687.5555 or 711 (TTY—Oregon Relay).

- Bring your myLane student schedule and photo ID to the Titan Store to get your pass.
- LCC Bus Passes are nontransferable and nonrefundable.
- Lost, stolen or misplaced LCC Bus Passes are replaceable for a non-refundable \$10 fee. Bring your photo ID and \$10 to the Titan Store to obtain a replacement pass.
- For information on how to obtain an LCC Bus Pass and sticker, go to lanecc.edu/facilities/transportation/lcc-bus-pass.
- * subject to change

Parking

Main Campus

Parking is permitted in all parking lots on the main campus. Parking is prohibited on main access roads at Gonyea Road and Eldon Schafer Drive. If parking is temporarily permitted in an area where parking is not normally permitted, the area will be clearly marked.

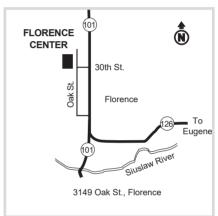
More information about motor vehicle regulations applicable-to Lane is available on Lane's website at *lanecc.edu/copps/documents/vehicle-regulations* or call 541.463.5558.

Downtown Campus

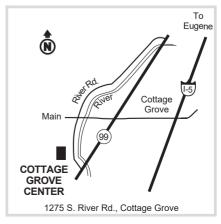
- The closest parking option is The Broadway garage, with entries on either side of Broadway along the west side of Charnelton.
 Parking here is free on weekends and after 6 p.m. with hourly parking available by machine (which accepts credit cards).
- Lane's Downtown Campus (DCA) students may have their parking validated at the Titan Store and Market when parking at the Overpark and Parcade lots.
- Parking is free on Saturday and Sunday in the Overpark and Parcade, for the first hour of parking Monday through Friday, and before 7 a.m. and after 6 p.m. Monday-Friday.
- For more information, call 541.463.6250, and for the latest information on all things related to our new Downtown Campus and the parking and transportation options available, see: lanecc.edu/facilities/transportation

Maps to Lane Community College



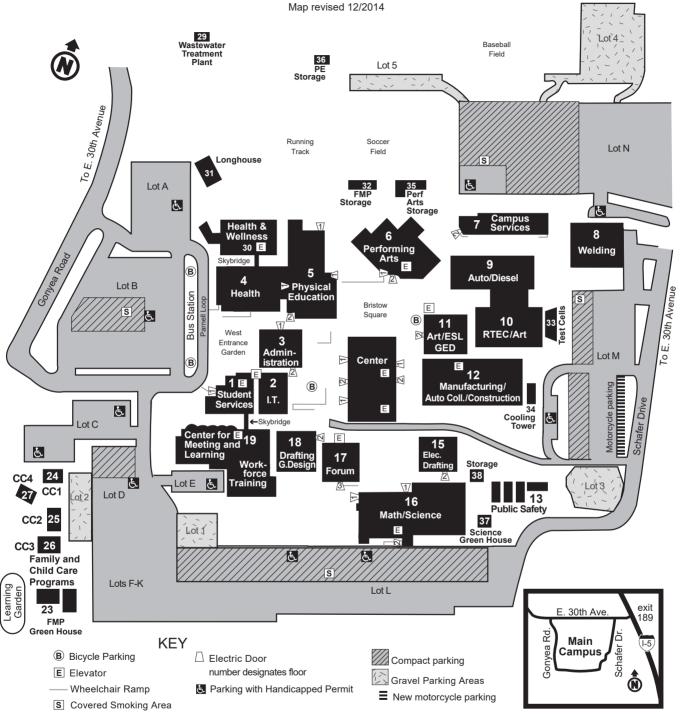






Lane Community College Main Campus

4000 East 30th Avenue = Eugene, Oregon 97405 = (541) 463-3000



Building Department

enter Titan Store/Library/ Cafeteria/Social Science/ Language, Lit. & Comm.

- Student Services
- 2 1
- 3 Administration
- 4 Health Professions
- 5 Physical Education6 Performing Arts
- Campus Services/Facilities/ Printing & Graphics

Building Department

- 8 Welding
- 9 Auto/Diesel
- 10 RTEC/Art
- 11 Art/ESL/GED
- 12 Manufacturing/Auto Coll./ Construction
- 13 Annexes
- 13 Public Safety
- 15 Electronics/Drafting
- 16 Science/Math

Building Department

- 17 Forum
- 18 Drafting/Graphic Design18 Health Clinic
- 18 Health Clinic19 Business/CIT/Workforce/
- Co-op Ed/CML
 24 Family Connections/Child
- Development
 25 Infant/Toddler Center
- 26 Preschool
- 30 Health and Wellness
- 31 Longhouse

Parking

- Parking is permitted in all parking lots on main campus.
- Parking is prohibited on the access roads to main campus (Gonyea Road and Eldon Schafer Drive).

Credit Student Admissions and Registration

Who May Enroll in Lane Credit Classes

Anyone who is at least 18 years of age may enroll in Lane credit classes. A high school diploma is not required. Students planning to use financial aid to attend Lane must have a high school diploma, a GED certificate, completed home schooling at the secondary level prior to the term the student wishes to receive aid. For more information, contact Enrollment and Student Financial Services at 541.463.3100.

Anyone under age 18 must be a high school graduate or follow one of the procedures listed below in order to enroll in credit classes at Lane.

- Students who have not graduated and who are not enrolled in high school must have a GED certificate to enroll in credit classes at Lane.
- Students who are under the age of 18 at the time they are applying to Lane to become a credit student need to complete the online admissions application process at lanecc.edu/esfs/under-18-students. To finalize the admissions process, students under the age of 18 without a high school diploma must complete and submit to Enrollment and Student Financial Services the "Student/ Parent-Guardian Consent Signature" form included in the on-line admissions process. Students under the age of 18 attending Lane will not be considered as regularly admitted students until they reach the age of 18 or they have demonstrated that a high school diploma has been earned.

Information about Lane's noncredit and Adult Basic and Secondary Education programs is in the Community Education section of this catalog.

Residency More information about residence, including tuition rates and documentation requirements, is provided in the Tuition, Financial Aid and Payment section. Briefly, students are considered In-District* if they

- have maintained a permanent residence within the college district for at least 90 continuous days prior to the first day of the term.
- * In-District includes Lane County, the Monroe Elementary District, and the Harrisburg Union High School District.

Students are considered In-State (out-of-district) if they

• have maintained a permanent residence within the state for at least 90 continuous days prior to the first day of the term.

Students who are In-District, In-State or permanent residents of Washington, Idaho, Nevada, or California pay In-State tuition at Lane

Please be aware that being designated as an Oregon resident at Lane Community College does not guarantee the same status with any other two-year or four-year institutions, either within or outside the state of Oregon. It is vital that you review the residency requirements at all institutions to understand their in-state residency requirements.

myLane

Use myLane for registration, account payments, viewing schedules, class details, financial aid and grades. Check each term's class schedule for information on registration dates, getting your "L" number and going online in myLane.

Admissions

The admissions process at Lane is very easy. Simply complete the Admissions Process online at *lanecc.edu*.

International Programs Admissions

Building 11, Room 235, 541.463.3434

Lane welcomes students who want to come to the USA to study on student visas to both the International English Program (ESL) and college-level programs. We are excited to be part of educating international students from over 40 different countries each term.

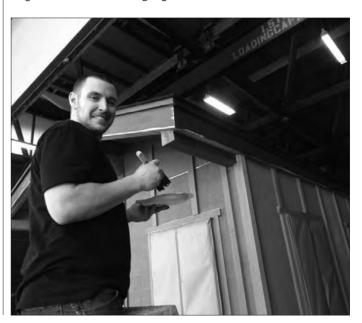
Students applying to Lane need to complete the international application online (processing fee required) and submit the following documents electronically: copy of passport, transcripts from most recent school attended and proof of financial support. Other or original documents may be required in some cases. Go to *lanecc. edu* to apply.

At Lane, a TOEFL score is not required for admission. All students will be tested for English proficiency upon arrival and class placement will be based on the results. Students will be placed in ESL courses or college-level credit classes based on the outcome of the placement test. Students who complete all classes in level F of the ESL program with a C or higher are eligible to take credit classes.

College major and International ESL students are admitted for fall, winter, and spring terms. For additional information on summer term please see *lanecc.edu/international*. International students must be at least 17 years of age to be admitted.

Students who are transferring to Lane from another college, university or language school need to have at least a 2.0 GPA and be eligible to transfer their I-20 to be admitted to our regular program. Students with less than a 2.0 GPA, or those who have been academically disqualified from their current school, will be enrolled in the International "Success Program." Success Program students will have additional requirements to ensure they get the support they need to succeed. Students who have earned more than 180 quarter credits need to identify a specific degree plan and specific number of credits needed to graduate before they can be admitted. All students must be in status with immigration. Students with a terminated I-20 are not eligible to transfer to Lane.

For more information about Lane's International ESL Program, see English As A Second Language.



Programs with Special Admission Procedures

Each of the following programs has special admission procedures. Students must be officially admitted to these programs. Contact the Health Professions Application Center for more information *hpapplicationcenter@lanecc.edu*. Admission Packets are available on Lane's website, *lanecc.edu*.

Associate Degree Nursing

Dental Hygiene

Emergency Medical
Technology/Paramedic

Physical Therapist Assistant

Practical Nursing

Dental Assisting

Health Information
Management

Medical Assistant

The programs listed below are limited enrollment requiring that the program be listed as the major or requiring a special application for acceptance listing as the major. Contact the sponsoring department for information:

541.463.5380
541.463.5380
541.463.3503
541.463.3503
541.463.3522
541.463.3977
541.463.5545
541.463.4195
541.463.5409

Physical Exams and Immunizations

Some academic programs and student activities such as varsity sports have special requirements for physical exams and immunizations. Students can get specific information from the sponsoring department.

Registering for Classes

Registration

Registration begins each term using a staged process over several days according to the cumulative number of Lane credits earned through studies at Lane (transfer credits do not count). Students can easily check their registration date and see if they have any holds or restrictions preventing registration by going to myLane under the myEnrollment tab and When Can I Register link. For information, visit the website at <code>lanecc.edu/calendars/registration-calendar</code>. For questions, email <code>AskLane@lanecc.edu</code>.

Schedule Changes

Students may add and drop full-term classes through the eighth week of the term using myLane. Schedule changes could result in additional tuition and fees.

Some classes require the instructor's consent to enroll. myLane will inform students of this requirement when attempting registration.

Increasing the number of credits for a variable credit class can be processed using myLane through the last week of regular classes, prior to the beginning of finals week. Additional tuition and applicable fees will be charged to the student's account, and payment policies will apply.

Refunds

Tuition is not prorated. Students who drop a class and meet the refund deadline of Sunday midnight of the first week of the term for classes that meet 11 weeks will be refunded all of the tuition. Students who drop after this deadline will not receive a refund. More information about the refund process is provided in the tuition section of this catalog.

Steps to Enroll in Credit Classes

From *lanecc.edu*, go to the Apply and Enroll tab at the top left, select Steps to Enroll. Choose the appropriate link and complete the steps.



Overview of Academic Programs

Lane Community College is a comprehensive community college offering career technical and lower division college classes.

The college offers classes at a number of locations in addition to the main campus. These include the Downtown Campus in Eugene, Lane Community College at Florence, Lane Community College at Cottage Grove, and facilities at the Eugene Airport.

In addition to weekday classes, Lane offers some evening and Saturday classes. Evening and Saturday classes for credit are offered on the main campus and at outreach centers. By selecting from among these classes, students can earn college transfer credit or work toward a certificate or degree in one of Lane's career technical programs. Evening courses are listed in the class schedule on Lane's website at *lanecc.edu*.

Lane also offers a variety of different ways students can learn ranging from traditional lecture or lecture/lab classes to open-entry/open-exit classes that permit students to begin and end the class when they wish.

Career Technical Programs

Career technical programs lead to certificates and Associate of Applied Science degrees. Many classes required to complete twoyear degrees can be transferred to four-year colleges. Others do not transfer.

For a list of career technical programs offered at Lane, see pages 52-59. For information about specific programs, see Career and Technical Programs.

College Transfer Classes and Degrees

The college offers lower division (freshman and sophomore) college credit classes so that a student may complete the first two years of college at Lane.

Lane offers several college transfer degrees and preparation for a number of college transfer majors. For a complete list of majors, see pages 52-59.

Associate of Arts Oregon Transfer Degree (AAOT)

- Designed for students who want flexibility to transfer to any public Oregon university.
- AAOT accepted to meet lower division general education requirements
- · Ensures junior status for registration purposes
- · Limited transferability of career technical courses
- Does not guarantee admission to Oregon public universities

Associate of Science Oregon Transfer: Business (ASOT-BUS)

- Designed for students who want flexibility to transfer to any public Oregon university with business-focused general education requirements.
- ASOT Bus accepted to meet lower division general education requirements
- Ensures junior status for registration purposes
- · Limited transferability of career technical courses

Associate of Science Oregon Transfer: Computer Science (ASOT-CS)

- Designed for students who want flexibility to transfer to any public Oregon university with computer-focused general education requirements.
- ASOT CS accepted to meet lower division general education requirements
- · Ensures junior status for registration purposes
- · Limited transferability of career technical courses

Associate of Science

- Designed for some transfer majors to match requirements at some four year colleges
- May meet some lower level division general education requirements, but not guaranteed
- · Limited transferability of career technical courses

Associate of Science: University of Oregon

- Designed for students who want to transfer to the University of Oregon with general education requirements
- · Ensures junior status for registration purposes
- · Limited transferability of career technical courses

Associate of Science: Oregon State University

- Designed for students who want to transfer to Oregon State University with general education requirements
- · Ensures junior status for registration purposes
- Limited transferability of career technical courses

Associate of General Studies

- Designed for students not pursuing a specific transfer or career technical program
- · Offers great flexibility in elective credits
- May meet some lower division general education requirements, but not guaranteed
- · Limited transferability of career technical courses

Direct transfer

- Designed for students pursuing a specific transfer major at another college or university
- · Not eligible for federal financial aid
- · Contact Counseling for information on Direct Transfer

Cooperative Education

Cooperative education (Co-op) offers career/technical and college transfer credit for practical work experience (internships) related to a student's educational and career goals. Co-op provides a student with an opportunity to apply theory learned in the classroom to work experience in a career field. The objective of co-op is to provide an on-the-job learning experience in a business or organization which adds meaning and direction to the student's total education. Cooperative education is available in all academic departments.

Advantages to the Student

- · financial support through paid employment while earning credit
- · guidance in career expectations and demands
- help in locating part-time or full-time employment which may lead to regular employment
- · development of skills and self-confidence
- · early exploration and confirmation of career choice
- · development of job contacts and a work history
- · increased motivation for academic achievement
- instruction in resume preparation and interviewing skills

Cooperative education is a three-way partnership which includes the student, Lane Community College, and the co-op employer. Co-op provides a way for a student to combine study at Lane with work experience under the supervision of an employer and, like classroom work, is an integral part of a student's educational preparation.

Lane Community College's Cooperative Education is the second largest among two-year colleges in the United States offering cooperative education. An outstanding model internationally, Co-op has quality learning opportunities locally, regionally, nationally, and internationally. Over 2,000 Lane students each year enroll

in co-op and work in both paid and non-paid positions. More than 800 employers participate in Co-op each year. Sixty-five percent of all co-op students are retained by employers as regular employees after graduation, although employment is not guaranteed.

To participate in cooperative education, a student is usually expected to successfully complete a specified set of courses prior to the work experience. Students must consult a co-op coordinator (see the following list) to set up a cooperative education learning experience. Student compensation is at a rate of pay comparable to employees who do similar work. In some instances, students may receive credit for volunteer or non-paid experiences.

Registration Procedures

- 1. meet with co-op coordinator in area of study
- 2. establish credits
- 3. complete agreement form
- 4. register for the co-op course

Credits Course credit may be earned for work experience if a job is related to either the student's major or occupational goal. The student enrolled in co-op receives credit and a grade for work. Normally, a maximum of 18 co-op credits will transfer as elective credit. Credit is assigned on the basis of one credit for 36 hours of work experience. Entry into co-op is by coordinator consent. Certain career technical programs require co-op credits. Unless prior approval is received from the Cooperative Education Division dean, students must enroll for a minimum of three credits. Co-op is offered all terms and students may earn up to 12 credits in one term. Cooperative education credits may not be audited or taken pass/no pass. Co-op credits may not be earned for past work experience (see Student Records for Credit by Assessment).

The Cooperative Education Division administers co-op courses. To learn about cooperative education, visit the website: *lanecc. edu/cooped/* or drop by the Co-op office, Building 19, Room 265 or call 541.463.5203.

The following is a list of Cooperative Education coordinators. Students should contact the coordinator in their program prior to enrolling in a cooperative education course.

Curriculum or Transfer Area	Co-op Ed Coordinators
Accounting	•
Administrative Office Professional	
Aerobics	
Art & Applied Design	
Automotive Technology	
Aviation Maintenance	
Biology	
Business Management	
Chemistry	
Coaching	, ,
Computer Information Systems	
Computer Information Technology	, ,
Computer Network Operations	
Computer Programming	
Computer Simulation and Game Developme	, ,
Construction	Chuck Fike
Criminal Justice	Caoimhin OFearghail
Culinary Arts	Joe McCully
Dental Assisting	Leslie Greer
Dental Hygiene	Leslie Greer
Diesel Technology	Chuck Fike
Drafting	Gerry Meenaghan
Early Childhood Education	Kathleen Lloyd
Education (K-14 Teacher Preparation)	Staff
Electronics Technology	Chuck Fike
Emergency Medical Technician (EMT)	Tom Brokaw
Energy Management	Gerry Meenaghan
Engineering (Transfer)	Gerry Meenaghan
Environmental Studies	Gerry Meenaghan

Curriculum or Transfer AreaCo	o-on Ed Coordinators
Ethnic Studies	
Fitness	
Flight Technology	
Florence Center: Most Programs	
Geography	
Geology	
Graphic Design	
Health Informatics	
Health Occupations	
Health Information Management	
Hotel/Restaurant/Tourism Management	,
Human Services	
International Work Experience	Gerry Meenaghan
Journalism	
Landscape	Chuck Fike
Manufacturing Technology	
Mathematics	Gerry Meenaghan
Medical Assisting (MA)	Marti Pittman
Multimedia	Teresa Hughes
Music	
Nursing	Staff
Performing Arts	
Physical Therapist Assistant (Clinical Affiliation)	
Physics	
Political Science	Jamie Kelsch
Pre-Law	
Programming	
Psychology	
Public Health Education	
Science Technology	
Service Learning	,
Service Learning Honors	
Simulation and Game Development	,
Sociology	
Sustainability Coordinator	
Water Conservation Technician	
Web Design	· ·
Welding	Chuck Fike

International Cooperative Education

The International Cooperative Education program, in partnership with IE3 Global (*ie3global.org*), provides international work opportunities where students earn graded, elective college transfer credit. A wide variety of work experiences are available throughout the world, including Africa, Asia, Australia, North and South America, and Europe. Living and working in a different culture gives students the chance to acquire both technical and international skills that are invaluable in today's global society. For more information, visit *ie3global.org* or contact Gerry Meenaghan, Cooperative Education Division, Building 19/Room 154, 541.463.5883.

High School Connections

Curriculum for High School Students

Lane's High School Connections office provides assistance to high school students to make the transition from high school to college. Local students have an opportunity to earn college credit while being dually enrolled at their high school and Lane, through the College Now and RTEC programs. Lane Community College does not offer high school completion diplomas.

College Now classes are taught in the high school during regular school hours by high school instructors approved by Lane. These classes are similar to those offered in Lane programs, including course content, textbook and learning outcomes. Courses are taught in many subject areas including English, French, Spanish, art, social science, math, business, culinary, early childhood education, graphic design, drafting, fabrication/welding, and others. College Now credits are free for 2017-18 academic year.

RTEC, Regional Technical and Early College, is a collaborative effort with local schools to provide early college opportunities to high school students. RTEC provides rigorous and relevant career technical training according to industry standards as well as academic transfer course offerings at the college. These classes fill the gaps where high schools can no longer offer these courses. RTEC provides both accelerated career technical and academic transfer courses for high schools that need advanced opportunities for their students. Courses are taught at Lane, at the high schools, or online in a variety of career technical and academic areas.

The High School Connections office works with local school districts that want to sponsor their students for dual credit in career technical or academic classes. Additionally, school districts contract with Lane to provide college-level classes directly at their location. For more information about High School Connections programs, visit the website at *lanecc.edu/hsconnections* or call 541.463.5521.

Honors Program

The Lane Honors Program provides you with a transformative learning experience centered around scholarly inquiry, academic rigor, and intellectual growth. Through challenging coursework, special seminars, and experiential learning opportunities, you will develop your critical thinking skills, creativity, and intellectual curiosity.

As an honors student, you will receive many educational benefits, including:

- · collaborative learning with other engaged students
- · faculty mentorship
- · guest speakers and honors events
- · graduation from Lane with honors recognition
- a competitive edge when applying for scholarships to 4-year universities
- · articulation agreements with 4-year university honors programs

If you are transferring to a four-year institution, you will be well-prepared for upper division coursework and university honors programs. If you are a non-transfer student, you will benefit from the program's opportunities for personal enrichment.

Lane honors classes fulfill general education electives and requirements for transfer degrees. Lane currently offers the following three types of honors classes:

- Honors options: traditional classes in which students can elect to complete honors-level coursework; open to all students.
- Honors sections: each student in the class completes honorslevel coursework; open to all students.
- Honors seminars: required for honors students; open only to students who have applied for and been accepted into the Lane Honors Program.

For a list of current classes, to learn more about the Honors Program or to apply, please visit our website at *lanecc.edu/honors/* or email *honors@lanecc.edu* with questions.

LaneOnline

LaneOnline provides courses delivered through technology. The Associate of Arts Oregon Transfer, Associate of General Studies and Associate of Science degrees and significant coursework for other degrees and certificates can be completed through LaneOnline. There is an annual course schedule on the LaneOnline website to assist you in schedule planning.

In order to help easily locate them on the web schedule of classes, online and hybrid courses will have "online" or "hybrid" and the Online/Hybrid icon listed next to the course title. All online courses can be viewed in one location by going to lanecc.edu/laneonline and clicking "Class Schedules" in the left-hand navigation bar, then choosing the desired term.

Online Courses Online courses are delivered on the web. Students may participate anytime, anywhere they have a computer with internet access. Interaction with the instructor and other students is provided through discussion forums and email. Some online courses have on-campus labs or exams, or require viewing video programs.

Hybrid Courses Hybrid courses combine traditional classroom activities with online learning so that time spent in the classroom is reduced but not eliminated. A portion of the class instruction is conducted online and the rest is conducted during regularly scheduled classroom meetings.

Telecourses Telecourses include weekly video programs, use of the internet, email, textbooks, assignments, and examinations. Students can view telecourses on cable TV, in the Lane Library, and at LCC at Cottage Grove and Florence. Courses can be streamed or purchased on DVD. Exams are usually taken on campus.

Live Interactive Courses Students enroll and participate by attending on campus or through videoconferencing at an off campus location. A few courses may be viewed live on cable television.

Tuition for LaneOnline courses is the same as other courses. Additional fees may be charged.

For more information about taking LaneOnline courses, call 541.463.5893 or see *lanecc.edu/laneonline*.

Service Learning

Would you like to remove invasive plants from a wetland, prepare dinners at a community meal site, tutor youth at-risk in math or writing, educate others about health risks, or advocate for abused women. These are examples of service learning, a handson approach to learning that encourages students to increase their knowledge and skills through connections and experiences working in the community.

Students work outside their classroom in addressing real community needs. Students identify learning activities, learning objectives, and engage in reflection activities designed to promote critical thinking, problem solving, and civic awareness.

Service Learning course formats vary. Service learning activities may be required, an optional assignment, or extra credit.

Examples of Courses:

COOP 280SL Cooperative Education: Service Learning

HE 255 Global Health

HS 201 Introduction to Human Services
HS 228 HIV/AIDS and Other Infectious Diseases

For information, visit lanecc.edu/sl or email farfanb@lanecc.edu

Tuition, Fees, Financial Aid and Payment

Noncredit Community Education Classes

For information about costs associated with Continuing Education and Small Business Development Center classes, please contact the respective departments.

Credit Classes Credit students pay the following cha	arges:
Tuition	see below
Class feeslisted next to each class Technology fee Online Course fee	\$9 per credit
Other fees	see below
Tuition* Residents of Oregon Non-residents of Oregon International students:	·
Fall, winter and spring terms	•

Other Credit Student Fees

*Subject to change pending Board approval

ASLCC Student Activity Fee*

Evamination/accomment for

						- /				
Cre	dit	stı	ıde	nts	taking	main	campus	classes	\$56	ô

Student Life (clubs) \$1; ASLCC \$9.14; BSU \$.50; OSPIRG \$3; Longhouse \$3; International Student programs \$2; SPA \$.50; Childcare \$1; Athletics and Recreational Sports \$12; TORCH \$2.75; Women's Program \$2; Learning Garden \$1.50; Military/Vets Center \$1; NASA \$.65; MeCHA \$.65; GSA \$.65; APISU \$.50; OSA \$2.54; ASLCC Legal Services \$4; Co-op \$7.62

*This fee is subject to change pending ASLCC election results.

Credit by Examination and Credit by Assessment

pou per review
\$30
\$45 per term
\$27 per term
tration fee) and \$5 per term

For more information, see the Locations and Maps section on page 8. Fee is subject to annual increases.

International credit students also pay

 intorriationa.	otaaont 100	\$12	por oroaic	oui
				ው ር

A LCC photo ID is not required to attend Lane. It is available to all currently registered students as an alternate form of photo identification. A card may be purchased from the Titan Store, Center Building.

Transcript Fee

Transcript\$5
Transcript Rush Fee**\$5

Transcripts are now available on **myLane** at lanecc.edu.Fees for transcripts ordered on **myLane** will need to be paid with VISA or MasterCard.

Average Total Costs

Typical average yearly expenses excluding room and board, transportation, tools, and personal expenses:

Tuition	\$4,725
Books*	
Special and Miscellaneous Fees (varies by program)	\$567
Student Activity Fees	\$168

A mandatory ASLCC student activity fee is required of all students taking credit classes on Lane's main campus.

Tuition rates, fees and refunds are subject to change without prior notice.

* Open Educational Resources (OER) Some classes at Lane use Open Educational Resources (OER). OER takes the place of more expensive textbooks, reducing the overall cost of taking the class. For more information on classes using free and low-cost materials, visit lanecc.edu/oer or email oer@lanecc.edu

Differential Pricing Program

Beginning with the 2003-04 academic year, Lane's Board of Education approved a differential pricing program to preserve some higher cost career technical programs. Some courses in the following programs currently have differential fees: Automotive Technology, Culinary Arts, Diesel Technology, Manufacturing Technology, Dental Hygiene, Dental Assistant, EMT/Paramedicine, Medical Assistant, Health Information Management, Nursing, Practical Nursing, Physical Therapist Assistant, and Respiratory Care.

Determination of Residency

Residents of Oregon

¢EO por rovious

In-District* A student at least 18 years of age or a high school graduate who has maintained a permanent residency within the college district for no less than 90 continuous days prior to the first day of the term is classified as In-District. Residency requirements must be met prior to the date that a term begins.

To change residency to In-District or In-State, the student must initiate the change by printing out a residency form available in the forms section at <code>lanecc.edu/esfs/enrollment-services-forms</code>. Students must hand the form directly to an Enrollment and Student Financial Services advisor at Enrollment and Student Financial Services, main campus. Residency requirements must be met prior to the date that a term begins, and residency changes must be made prior to the start of the term.

* In-District includes Lane County, Monroe Elementary District, and Harrisburg Union High School District.

In-State (Out-of-District) A student who has maintained a permanent residency within the state for no less than 90 continuous days prior to the first day of the term is classified as In-State and pays Oregon tuition. Residency requirements must be met prior to the date that a term begins, and residency changes must be made prior to the start of the term.

Students who have maintained permanent residency within the states of Washington, Idaho, Nevada, or California for at least 90 days prior to the first day of the term also pay In-State tuition at I ane

This exception in tuition does not allow for an exception in residency requirements for special or limited enrollment programs.

Please note that residency requirements are different at Oregon's public universities. Students intending to transfer should research specific residency requirements at public or private schools to which they will transfer. For more information, visit the website of the institution you are interested in attending.

^{**} Transcripts that are purchased from Enrollment and Student Financial Services or for transcript requests that indicate that they need rush service will be charged the **Transcript** Rush Fee.

Out-of-State and International

There are two residency categories in addition to In-District and In-State:

- Out-of-state but a citizen of the United States or registered resident alien.
- International (not a U.S. citizen or registered alien). International students do not become residents regardless of the length of residency within the district.

Special Circumstances A student may be classified as In-District or In-State if special circumstances can be documented. The following criteria are used to define special circumstances:

- A veteran and or veteran's dependents who have established permanent residence inside the college district within 90 days prior to the first day of the term and within three years of veterans discharge from active duty will be considered indistrict.
- A DD214 (military discharge papers) for the veteran or a DD-93 (record of emergency data listing dependents of veteran) may be required in order to qualify for residency status.
- A released Oregon State prisoner is considered In-District regardless of residency prior to sentencing if a state agency is the sponsor.
- A legal dependent or spouse of a person who has moved into the college district and established a residence is considered In-District.

Residency Student residency is determined from information provided by each applicant to the college. Residency does not change without some kind of student interaction. If a student wants to change residency, the student must initiate the change by visiting Enrollment and Student Financial Services, Building 1. The college may require additional documentation to clarify residency status. Only applicants who can provide sufficient documentation that the 90-day residence requirement clearly has been met will be classified In-district or In-State. Once residency has been changed to Indistrict or In-State, it cannot be reversed. Residency changes will not take affect until the subsequent term following the change.

Please be aware that being designated as an Oregon resident at Lane Community College does not guarantee the same status with other two-year or four-year institutions, both within and outside the state of Oregon. It is vital that you review the residency requirements at all institutions to understand their in-state residency requirements.

Noncredit Continuing Education Classes have no residency requirement.

Financial Aid

Lane Community College recognizes that many individuals cannot assume the full financial burden of a college education. For this reason, financial aid is available to help bridge the gap between the costs of education and the available student and/or family resources.

To apply for financial aid, students must submit a Free Application for Federal Student Aid (FAFSA) each academic year—summer through spring. The FAFSA is available at *fafsa.gov*. Students should apply as early as possible after January 1, 2016 for the 2016-17 academic year and October 1, 2016 for the 2017-18 academic year.

Lane offers three basic types of financial aid to eligible students: grants, work-study and loans. Typically, students are offered a combination of these financial aid awards. Loans must be repaid. Grants, work-study and scholarships do not have to repaid as long as the student remains enrolled in the term they received funding.

To view eligibility requirements, see lanecc.edu/finaid/eligible.

To view further information regarding the financial aid process at Lane, see *lanecc.edu/finaid*.

Paying for Classes

When you register for a class, you are agreeing to pay for the class. If you cannot attend the class, you must drop the class within the timelines listed in the class schedule or the college will charge you for it. See Refunds and Financial Aid for more information.

You may pay your college bill in the following ways:

By Web

Payments can be made on the web by check or savings account, VISA or MasterCard. Log on to *lanecc.edu* and access myLane. Once in myLane, click on "myFinances" tab, then click on "Make an Online Payment." Contact Enrollment and Student Financial Services at 541.463.3100 if you have questions about payments on the web.

Bv Mail

Send your payment to Lane Community College, P.O. Box 50850, Eugene, OR 97405-0999. You can pay by check or money order payable to Lane Community College. Include your student ID number ('L' student ID number).

With a Sponsoring Agent

If a sponsoring agency is paying some or all of your educational expenses, it is your responsibility to see that the agency has provided written authorization to Enrollment and Student Financial Services before you register. If the college doesn't receive your authorization in a timely manner, late fees will be added to your account balance. If you have questions, visit lanecc.edu/collfin/sponsored-accounts or email SponsoredAccounts@lanecc.edu.

With Financial Aid (credit students only)

Assistance from financial aid is intended to help pay your educational expenses; however, if you do not receive the aid you expect or in time to apply to each terms bill, you still owe the college for charges to your Deferred Billing Terms Agreement account and have the same financial obligations to the college as any other student. If you receive financial aid, that aid will be used to pay all or part of your Deferred Billing Terms Agreement account, depending on the amount of your financial aid awards. The college disburses any remaining financial aid funds to the bank account you select via direct deposit. You will receive written directions on how to choose your refund option according to the financial aid disbursement schedule. For more information, go to bankmobilevibe.com

For more information, see the sections on Deferred Billing Terms Agreement, Refunds and Financial Aid in this catalog.

If you have questions about your bill, contact Enrollment and Student Financial Services at 541.463.3100.

Deferred Billing Terms Agreement

When you register for the first time, the college sets up a college charge account to process your tuition and fees, other charges, credits, refunds, financial aid disbursements, and payments. You are responsible for paying your account in full, even if you are sponsored, expect to receive Financial Aid, think that a family member will pay, and/or never attend the class.

*By registering, you have automatically accepted the terms of Lane's Deferred Billing Agreement. See *lanecc.edu/copps/documents/accounts-receivable-billing* to access the Deferred Billing agreement. Futhermore, by registering for any class at Lane, you are agreeing to retrieve your 1098T form by accessing the electronic version in myLane. The college does not mail 1098T's.

Payments On Account Using myLane at lanecc.edu Students will be able to make payments on outstanding balances using myLane. Students taking credit classes will not be mailed a billing notice until the final pink notice is mailed the month before

an unpaid account goes into collection status. Credit level students may use the Billing Statement link under Student Records in myLane to arrange to have a paper bill mailed. Non-credit level students will be mailed paper statements unless they opt not to receive them, myLane will accept partial or full payments using credit cards, checks, or savings accounts. Refunds will be credited to the student's Lane account, and any credits/balance due will be mailed to the student. If a student is eligible to receive a refund but has a balance owed to Lane, which could be for the past, present or next term, the refund will be applied to the outstanding debt. Lane uses a third party pay system called Third Party Payment Authorization to allow you to assign access to a third party to make payments on your account. You may review the information and instructions on setting this up at lanecc.edu/esfs/tuition-fees-andpayments. All transactions are handled through a secure payment system.

General Account Information

To find out how much you owe, access myLane at *lanecc.edu*, click on "myFinances" tab.

Once Open Registration begins for the next term, you must pay all money you owe the college for the previous term before you can register each subsequent term.

Late Fees

- The college will assess a late fee of 2 percent on your unpaid balance from a prior billing period.
- · A billing period is the time between statements.

Notify the college if your address changes by using myLane. It is your responsibility to maintain a current address, phone number and email in myLane at all times. The college will block you from registering or making any schedule changes if we receive returned mail. At the end of each term, any account with an invalid address and a balance will be moved to a collection agency.

The college will charge you a returned item fee for insufficient funds checks or rejected VISA or MasterCard charges.

The college has the right, without prior notice, to stop or suspend the extension of financial credit, withhold services, apply some non-payroll monies due you as a payment on your account, and/or turn your account over to a collection agency, under the following circumstances:

- · The post office returns a bill the college sends you.
- · The bank refuses payment on checks you write.
- · Your VISA or MasterCard payment is declined.
- · Failure to pay.

Withholding services means that the college may withdraw you from your current classes, block your registration for future classes and workshops, and withhold transcripts.

Consequences of Not Paying

If you fail to pay your account, the college may take any or all of the following actions:

- · Require immediate payment in full
- Purge advance registration for future term
- · Block enrollment for any future terms
- · Decline to provide official transcripts
- Turn accounts over to a collection agency for non-payment after four months*
- · Oregon State Tax Return offset

Past Due Accounts Assigned to a Collection Agency After Four Months (120 days) Accounts will be turned over to a collection agency for non-payment after four months (120 days). Students

will be mailed a final demand "pink" billing statement for past due accounts before the college assigns them to a collection agency. The collection agency will add their own fees and has the right to report past due accounts to a credit bureau. Failure to maintain a correct address in myLane will result in your account going to a collection agency if unpaid.

Past Due Accounts Must be Paid to the Assigned Collection Agency Students are not able to make payments to Lane for past due accounts that have been assigned to a collection agency. Students wanting to pay off outstanding debts owed to Lane cannot pay at Lane or in myLane and must contact the collection agency listed with the hold message in myLane to make payment arrangements.

Students who have paid their accounts in full with the collection agency will not be able to register or have a transcript released until Lane receives the funds from the collection agency and the Lane account balance has been completely cleared. Payments from collection agencies can take eight weeks to reach Lane. No exceptions will be made to allow a student to register or receive an unofficial or official transcript until the account shows paid in full in myLane at *lanecc.edu*.

Refunds

Tuition

When you register for a class, you agree to pay for it. If you officially drop the class by the refund deadline, the college will refund your tuition. If the college cancels a class, we will refund your tuition in full. It is your responsibility to drop any class that you do not plan to attend. Students must use myLane to officially drop a class. Refer to class schedule for deadlines.

Lane has an **all** or **no** refund policy. Whether or not a student receives a refund or **not** is based on the length of the class and the date that the student drops the class. Students who drop after the refund deadline **will not** receive a refund or credit for dropping the class. (Tuition is not prorated.) If a refund is applicable, the amount is automatically posted as a credit to the student's Deferred Billing Terms Agreement account.

Interpreting the table below, the class duration is the number of weeks the class is scheduled to meet. "Refund Deadline" means by midnight (11:59 p.m.) on Sunday of the first week. For workshop refunds, students need to contact the sponsoring department.

Credit and Noncredit Classes Tuition Refund Table

Class duration	Prior to start of classes	Drop Sunday week 1 by midnight
Classes 4 weeks or longer	ALL of the tuition will be refunded.	ALL of the tuition will be refunded.
Classes 2 to 3 weeks	ALL of the tuition will be refunded.	NO tuition will be refunded.
Workshops & classes, 1 week or less	ALL of the tuition will be refunded if dropped three working days or more before the workshop begins.	NO tuition will be refunded.

It is the student's responsibility to drop/withdraw from any class/ classes he or she does not plan to attend. No refunds or adjustments of tuition and fees will be granted after stated refund deadlines.

ASLCC Student Activity and Registration Fees

If the college cancels your only credit class, or you withdraw from all your classes during the refund period, the college automatically refunds these fees.

^{*} Students will be mailed a final notice for accounts that are overdue before the college assigns them to a collection agency which reports them to a credit bureau. The collection agency will add additional collection fees, court and attorney costs to account.

How Refunds Are Processed

- Refunds are first applied to any outstanding balance owed.
 If financial aid or a sponsoring agency paid your account, refunds are credited either to you or to the funding source, as appropriate.
- If you have paid your account with VISA/ MasterCard, a refund will be issued to the student by check or onto the laneccdebit card.
- The college applies all other refunds as a credit to your account.
 Refund checks are mailed or loaded onto the laneccdebit card, weekly.
- The Transportation Fee is nonrefundable after the full-term refund deadline. No exceptions will be made.

If medical/emergency circumstances beyond your control prevent you from dropping your classes by the refund deadline, you may request an exception to the refund policy. You must complete the Refund Request online form available at *lanecc.edu/collfin/student-accounts-refund-request-information*/ emergency documentation of the circumstances. Petitions received after the eighth week of the term and/or without documentation will be denied.

If you have a documented medical or emergency reason why you dropped your class after the refund deadline, you can fill out the Refund Request online form and submit it to Enrollment and Student Financial Services. A committee will review your request and respond.

Contact Enrollment and Student Financial Services, 541.463.3100, 4000 E. 30th Avenue, Eugene OR 97405, for petitions about **credit classes**.

The deadline for submitting petitions requesting a Refund Request is 5 p.m. on Friday of the eighth week of the term. Refund requests submitted after this date will only be considered when a medical emergency prevented you from using myLane to drop classes by the refund deadline. Even if your petition is approved, you may still owe fees and finance charges.

For information about exceptions to the refund policy, call Enrollment and Student Financial Services at 541.463.3100.

Contact the following departments for refund petitions about **Community Education classes**.

- Continuing Education, 101 W. 10th Avenue, Eugene OR 97401
- Cottage Grove Center, 1275 South River Road, Cottage Grove, OR 97424
- Florence Center, 3149 Oak Street, Florence, OR 97439
- Small Business Development Center, 101 W. 10th Avenue, Suite 304, Eugene OR 97401
- Workforce Development, 4000 East 30th Ave., Eugene OR 97405-0640

If a student does not plan to attend a class, official withdrawal from that class is the student's responsibility.



Academic and Student Services

Academic Advising

Building 1, Room 103, 541.463.3200, coundept@lanecc.edu

Academic advising is available through the Counseling and Advising Center. Lane Community College's academic advising model is replicated in many two- and four-year institutions, and meets the standards of the National Academic Advising Association. The model addresses the student's development from enrollment through graduation. Services encompass student retention, academic advising (student advocacy, program development, course selection, career advising, scheduling and decision-making, and referrals) as well as career and retention counseling (career and life planning, counseling and dealing with obstacles including personal issues that impede success).

Lane uses a comprehensive centralized professional advising unit, with academic advisors, counselors, faculty, and other key staff. Advising teams have shared responsibilities to provide a managed advising system for students. The advising teams are clusters or "neighborhoods" identified with: instructional programs, geographical areas and diversity services areas. An administrator oversees all advising functions.

The Counseling and Advising Center offers students several academic advising services. They help students:

- · learn about Lane services and programs
- · understand college procedures and policies
- obtain up-to-date written information about requirements for Lane programs and degrees
- plan course schedules to meet personal needs and program requirements
- understand how credits from prior colleges may be used toward Lane degrees and certificates
- select from Lane courses that meet degree requirements at Lane and at four-year schools throughout the state
- develop ways to do well in classes and feel satisfied about school

A list of counselors and academic advisors appears on pages 52-54. A list of academic advisors for students who are undecided is located in the Counseling and Advising Center.

Students can access their counselor or academic advisor through the reception desk in the center, by calling 541.463.3200, by emailing coundept@lanecc.edu, by directly contacting the counselor or academic advisor, or through online academic advising resources. Go to Lane's website at lanecc.edu, choose Moodle, choose Academic Advising, choose the Academic Advising link for your chosen major or area of interest.

Counselors and academic advisors have in-depth knowledge of academic departments' procedures and resources. New students meet with a department counselor or academic advisor during the first term at Lane. These meetings orient students to their academic programs and provide help with course planning. Students are encouraged to meet with a counselor or academic advisor on a regular basis throughout their stay at Lane.

Representatives from four-year schools in the state make regular visits to Lane Community College to meet with students considering transfer. Schedules of these visits are available in the Counseling and Advising Center.

Academic Learning Skills

Building 11, Room 245, 541.463.5439

Academic Learning Skills (ALS) offers courses to improve student success in lower division, career technical, and transfer courses. ALS courses offer clear and direct articulation with courses required for the Associate of Arts Oregon Transfer degree. ALS coordinates class sequences and outcomes with the following departments and programs: Adult Basic and Secondary Education; English as a Second Language; Language, Literature and Communication; Health Careers; and Mathematics.

Students who take courses offered by Academic Learning Skills gain confidence and abilities to be successful in college-level classes. Students improve their reading, writing, vocabulary, critical thinking, math, and learning/study skills.

Credit Courses Academic Learning Skills offers courses for college credit in lecture and online formats. For more information about courses, see the Study Skills and College Prep heading in the course description section of this catalog. Other specialized courses may be found under the following headings in the course descriptions: Mathematics; and Writing.

Developmental Credit Limit Most of the courses in Academic Learning Skills are considered developmental courses. Students may be eligible to receive financial aid for up to 45-quarter credits (or equivalent) to complete developmental courses. For more information, contact Financial Aid at 541.436.3400 or visit lanecc.edu/finaid.

Guided Studies Program Guided Studies is designed for students whose placement test scores indicate the need to strengthen academic skills before entering college-level courses. Students must meet with the Guided Studies counselor/advisor to set up an academic plan.

Career Center

Building 19, Room 266, 541.463.5223, lanecc.edu/careercenter

The Career Center is open to students, career changers, job seekers, and anyone interested in learning about LCC. Individuals who visit the Career Center have access to a variety of resources, which may include the following:

- · Access to computers and the internet
- · Assessment of skills, interests, and work values
- · Career exploration and development
- · Development of an individualized career plan
- · Labor market information and job openings
- · Skill upgrading and basic skill tutorials
- National Career Readiness Certificate (preparation and testing)
- Information about training programs, including short-term training options
- Job search instruction
- · Resume and cover letter development
- Online job search and applications
- · Student employment
- Free workshops covering career planning, job search, and personal and professional development topics

Center for Accessible Resources

Building 19, Room 231, 541.463.5150, (voice); TTY Relay: 711 541.463.4739, Fax: accessibleresources@lanecc.edu; lanecc.edu/disability

The Center for Accessible Resources (CAR) coordinates support services and promotes disability awareness in the college community. CAR works with students and faculty to determine appropriate academic adjustments and services for students with qualified documented disabilities. Center for Accessible Resources collaborates with students, staff, faculty, and community members to create inclusive, equitable, diverse and sustainable learning environments for all.

Some of the services that CAR provides are:

- · Accommodations for classes, including:
 - Test accommodations (extended time, reduced distraction
 - Alternate format (computer text with digital audio, Braille)
 - Accessible Technology (computer software and hardware, and other devices)
 - Service Providers (sign language interpreter)
- · Consultation, referrals and disability awareness information
- · Accessibility information and maps

Child Care

Child and Family Education Department Building 24, Room 114, 541.463.5517; lanecc.edu/cfe/lcfc

Lane Child and Family Center

The Lane Child and Family Center is state licensed and nationally accredited through the National Association for the Education of Young Children and rated five stars by Oregon's Quality Rating and Improvement System. The preschool/child care program is located on the main campus and provides child care for children 30 months to 5 years of age for student, staff and community families. The center is open 7 a.m.-5:30 p.m., Monday-Friday during the academic year and 7 a.m.-5:30 p.m., Monday-Thursday the first 10 weeks of summer term. The professional teaching staff has extensive education and training in Early Childhood Education. The center is a teacher preparation school for students in the Early Childhood Education program and a cooperative preschool where parents can volunteer in the classroom and reduce their child care fees.

Child care grant and subsidy assistance is available. Students with children enrolled in the Lane Child and Family Center may qualify to receive a CCAMPIS grant, reducing child care expenses by 80 percent. For additional information and fee schedules, contact the Child and Family Education Department office or visit the web, lanecc.edu/cfe/lcfc.

Family Connections, Building 24, 541.463.3954, or 800.222.3290

Family Connections is a community-based program that works to ensure the children of Lane students and other families have access to safe, quality and affordable child care. Family Connections provides the following services:

Students Students who are parents can receive personalized referrals to child care options in Lane County based on specific family needs. Trained consultants search hundreds of child care listings and offer support in making appropriate child care connections. Parents receive research-based information to help assess the quality of their child care choices.

Child care professionals Assistance in launching a child care business, training, technical assistance, and resources are offered to people who are interested in caring for children. Training topics include first aid/CPR, business development, and child guidance. Classes are offered evenings and weekends. Professional development scholarship opportunities are available on a limited basis.

Servicios en Español Servicios en Español son ofrecidos y disponibles a todos, 541.463.3306.

Computer Labs

All students registered for credit classes have unlimited access to open computing labs on the main, Downtown, Cottage Grove and Florence campuses. The technology resource fee paid by each student provides this access.

Open lab hours:

- Main Campus Monday-Thursday, 7:30 am-7 pm; Friday, 7:30 am-5:30 pm
- Downtown Center For hours, call 541.463.6100
- Florence Campus Monday-Thursday, 8 am 9 pm; Friday, 8 am-4 pm
- Cottage Grove Campus Monday-Thursday, 9 am-6 pm; Friday, 9 am-2 pm

For more information including current hours and specific locations of open labs, visit the websites for the LCC Downtown Center, LCC at Florence and LCC at Cottage Grove.

In addition, many departments or programs provide computer labs for their enrolled students. For specific information about the location, hours and ADA access of Main Campus open computer labs and program-specific labs, go to <code>lanecc.edu/it/computerlabs</code> or call the Student Help Desk at 541.463.3333.

Counseling and Advising Center

Building 1, First Floor, Room 103; 541.463.3200; lanecc.edu/coun seling; coundept@lanecc.edu

Counseling provides retention and support services to help students achieve success during their learning experiences.

The counselors, academic advisors and support staff work together to present a variety of services to the diverse student population.

Counselors offer assistance with:

- · providing orientation services for new students.
- · returning to school and adjusting to changes.
- · making career and educational decisions.
- · developing academic programs.
- · improving interpersonal communication skills.
- · coping with stress and depression.
- · resolving personal and family problems.
- · strengthening student success.

During open hours, there is a counselor available to help students with crises or emergencies.

Lane counselors are highly trained professionals with a variety of credentials. All counselors engage in continuing education to maintain excellence and currency in services. All counselors subscribe to the Ethical Standards of the American Counseling Association, and Licensed Professional Counselors are bound by the Oregon Code of Ethics. These standards and laws protect student confidentiality and other rights. Personal information discussed with a counselor is private and confidential, unless the student gives written permission to share it with others; it involves potential danger to self or others; it involves child, elder or vulnerable adult abuse; a court orders the release of information; or other exceptions in accordance with Oregon statutes.

Students and prospective students may contact counselors or academic advisors directly during their posted office hours or through Counseling. The center is available to prospective students and new students for orientation and information on a drop-in basis, as well as continuing students for advising or for referral for counseling or advising.

Human Development Classes The teaching component of Counseling is called Human Development.

Human Development classes help students with entering college, career and life planning, decision making, maintaining productive personal and work relationships, understanding families and children, and enhance parenting skills. Personal awareness and growth in applied life skills is emphasized.

Some courses with CG, CPSY and HS prefixes fulfill the social science/human relations component for the associate of applied science degrees and certificates, associate of science, associate of general studies degrees and certificates, and count as electives for the associate of arts Oregon transfer degree.

The department offers both credit and noncredit classes. Methods of delivery include classroom, independent study, telecourse, and online.

Counseling and Advising is open Monday through Wednesday, 8 a.m.-5 p.m.;Thursday, 8 a.m.-4 p.m.; Friday, 8 a.m.-2 p.m. Summer term Monday-Thrusday, 9 a.m.-5 p.m.; Friday hours vary. Counseling and advising services also are available at the Cottage Grove and Florence centers. Contact these centers for information or appointments.

Credit for Prior Learning

Generally, there is no need to take a class when a student has already learned the material, no matter where or how. Four alternative ways of earning credit are listed below:

Credit-by-Examination Credit-by-Examination (CBE) gives students the opportunity to demonstrate they have mastered material covered in a Lane course. In some cases, they take written examinations covering the content of a course. In other cases, they give performances or demonstrations of their skills in certain areas. If they are successful, Lane will award them college credit. Students must have completed at least 12 credits of non-CBE coursework at Lane and must currently be enrolled in at least six credit hours. Many courses may be challenged through the CBE process. Information on procedures and fees is available at Enrollment and Student Financial Services in the lobby of Building 1.

Credit-by-Assessment Students who have experience and knowledge in certain areas may receive college credit for many Lane courses through the Credit-by-Assessment (CBA) process. Examples of relevant experiences are work, volunteer work, travel, certain hobbies, noncredit courses, workshops, and work at schools accredited differently than Lane. If a student can describe and satisfactorily document that such learning satisfies one or more course requirements, faculty members will evaluate these accomplishments and may award course credit. Students must have completed at least 12 credits of non-CBE or CBA coursework at Lane and must currently be enrolled in at least six credit hours. CBA is different from having one's transcript evaluated, a service of the Student Records Office, and also is different from the Credit-by-Exam procedure. Information on procedures and fees is available at Enrollment and Student Financial Services in the lobby of Building 1.

The maximum CBE and CBA credit which may be applied to any degree or certificate is 25 percent.

College-Level Examination Program and Advanced Placement Students may take exams on many college subjects through the

College-Level Examination Program (CLEP) and receive credit for satisfactory scores in both general areas and various other specific subject areas. The credit Lane grants also is granted at most four-year colleges and universities. These credits do not appear on the Lane transcript. Lane accepts the following general examinations: social sciences/history, natural sciences, and humanities (arts and letters). Lane also accepts the following subject examinations:

American History I and II, American Literature, Biology, Calculus with Elementary Functions, Chemistry (General), English Literature, French, Microeconomics, Macroeconomics, Spanish, and Sociology. Contact the Enrollment and Student Financial Services/Student Records Office for more information.

Students who have earned credit through the Advanced Placement (AP) program, usually through advanced high school courses, may receive credit for satisfactory scores. You need to provide Lane with an official report. To order a report, contact the College Board/ Advanced Placement at 1-888-CALL-4-AP.

There is more information on Lane's website on scores and exams for both CLEP and AP.

Miscellaneous Training and Credit Credit is granted for military training and for work completed at some proprietary schools. Such credit generally applies only toward a vocational program and does not appear on the student's Lane transcript. The student should apply for such credit in Enrollment and Student Financial Services, bringing certificates of completion, school records or other available documentation. The student is notified of the credit granted by requesting a general evaluation (request forms are in Enrollment and Student Financial Services and Student Records), and a record is kept in the student's file. A veteran student will be granted 3 credits of PE (either required or 3 credits in Open Electives) by providing the college with a copy of a DD 214 with an Honorable Discharge.

Enrollment and Student Financial Services

Building 1, First Floor, 541.463.3100, 877.520.5391, lanecc.edu/esfs/ or Asklane@lanecc.edu

Enrollment and Student Financial Services provides services for new and returning Lane students. These services include:

- · Admission assistance
- · Cash payments
- · Receiving documents from students
- · Assistance with myLane on:
 - Registration
 - Ordering official transcripts
 - Making credit card, debit, or check payments
 - Updating address, telephone and email information

Hours of operation (subject to change):

Window hours: Monday-Thursday, 9 a.m. - 12 p.m. and Friday 10:30 a.m - 12 p.m.

Phone hours: Monday-Thursday, 1 - 3:30 p.m. and Friday 12:30 - 2 p.m.

Financial Aid

Building 1, First Floor (Lobby), 541.463.3400, *lanecc.edu/finaid*, email *finaid@lanecc.edu*

Financial aid provides assistance to new and returning students in accessing federal and state funding resources to help meet the cost of their educational goals. Staff is available by email, telephone, or in person to help students understand and navigate the financial aid process. Visit *lanecc.edu/finaid* for office hours and more information about the financial aid process.

Food Services

Foodservices provides several food service options located throughout campus for students, faculty, staff, and visitors.

The LCC Food Court, located on the first floor of the Center Building, features six unique restaurant outlets offering a wide variety of menu options for breakfast, lunch, and dinner. All menus are inspired by using locally sourced materials, scratch cooking methods, and carefully selected products to ensure the highest quality.

LimeFresh Simple and healthy South-of-the-border inspired recipes with vibrant and bold flavors of the Latin world

B & D's Country Kitchen Simple yet classic recipes to satisfy your breakfast craving

Raw Berry Fresh soups and customizable salads

Five Spice Asian inspired wok cooking

Stonefire Hand stretched pizza made in our stone-fired oven and made-to-order delicatessen style sandwiches

Crush Burger Hot, fresh, and sustainably-sourced burger selections made-to-order

Blenders Espresso Bar has two locations, located on the second floor of the Center Building, right above the Food Court as well as in Building 30. Here we feature Global Delights coffee, which is fair-trade certified and 100% organic. Blenders offers a variety of coffee drinks, smoothies and hand-spun shakes, and various grabn-go items such as pastries, yogurt, pre-made sandwiches, salads, and bottled beverages. Blenders Express is located in Building 16 offers superior drip coffee and fine teas. Grab-n-go items are also available including pastries, yogurts, salads, sandwiches and large selection of bottled beverages.

Our hours of operation vary due to the class schedules so please visit *lanecc.edu/food* for each outlet's hours of operation. Every outlet in Food Services accepts cash, all major credit cards, Apple Pay, and Android Pay.

Health Clinic

Building 18, Room 101, 541.463.5665

Health Clinic Staff Our staff includes family nurse practitioners, physicians, a registered nurse, medical assistants, front office staff, a clinic director, an administrative assistant, and students in Health Professions programs.

Services The Lane Community College Health Clinic provides a broad range of health care services to eligible Lane students and staff. Our mission is to provide affordable, efficient, evidence-based health care to the students and employees of Lane Community College. The Health Clinic staff provides holistic care in a collaborative partnership with the patient, with respect for diverse beliefs and needs, assisting the patient to make informed decisions about disease prevention and management of chronic conditions. The clinic provides education to patients to enable them to be better consumers of health care and stewards of their own health.

Appointments can be made by calling the Health Clinic at 541.463.5665. Office visits are free of charge to all eligible students and staff. We offer some additional services at low cost including immunizations, in house labs, program and sports physicals, minor surgeries, and lesion removal. We provide lab services and utilize Quest Diagnostics to process specimens. Quest Diagnostics will bill you or your insurance. Available services include, but are not limited to:

- · Diagnosis and treatment of many acute and chronic illnesses
- · Sexual health
- · STI testing and treatment

- · Contraception management
- · Wellness/annual exams for women and men
- · Student program physicals
- · Sports physicals
- Immunizations/titers
- · Tobacco cessation
- Treatment of minor trauma including sprains, strains, cuts, and abrasions
- Behavioral health concerns including depression, anxiety, insomnia, and stress management with referral as appropriate
- · Resources and referrals to specialty providers

Confidentiality All services provided are confidential. A confidential electronic medical record is established for each patient and is protected by Federal and State laws governing the release of these records. The electronic records are stored on a network and servers that are not a part of Lane Community College IT network. The records are only accessible by Health Clinic staff and not by any other department on campus (subject to Federal and State statutes).

Payment Methods The Health Clinic bills Trillium and DMAP for all services covered by the Oregon Health Plan. Payments for our fee-based services are due at the time of service (cash, check, or to an open LCC account). Lab costs will bill directly to your insurance or directly to you by Quest Diagnostics if you do not have insurance coverage.

Clinic Hours Fall, winter, and spring terms the clinic is open on all days classes are in session; summer term hours may vary and the campus, including the health clinic, is closed on Fridays during the summer.

Monday – Wednesday 8 a.m.-4:45 p.m.

Thursday 10 a.m.-4:45 p.m.

Friday 8 a.m. -4:45 p.m.

We are closed Saturday, Sunday, holidays, and any other time the campus is closed. There may be unscheduled closings due to inclement weather or other unforeseen circumstances.

If you have a medical emergency while on campus, please call Public Safety at 541.463.5555.

If you are not on campus, dial 911 or report to a local emergency department.

LCC Health Clinic does not provide after hours medical care.

Housing

Titan Court is a 6-story apartment community located in Downtown Eugene, Oregon. This certified LEED Gold community features Studio, 2 bedroom shared, and 4 bedroom apartments with an allinclusive utility package. These apartment homes are leased individually by the bedroom and come fully furnished for an easier move. The building includes upgraded lighting, enhanced cabinetry, brand new appliances, high-end finishes, and a card access entry system. In addition, each unit is furnished with a 32" flat-panel HDTV with cable service. All residents are able to take advantage of the properties amenities which include the multimedia room with the large screen projector, on-site high efficiency laundry machines, quiet study lounges, computer lab with free printing, game room with Xbox One and PS4, free bike loan program, indoor bike storage and free onsite trash and recycling areas. Titan Court is within walking distance to many downtown attractions including the public library, bus station and many restaurants. Titan Court offers an engaging students first program filled with resident events to encourage social interaction and academic success. For more information, visit titancourt.com or call 541.344.2828.

The following options also are available for Lane Community

College students taking credit classes leading to a degree, certificate or transfer program. Students must meet application and income criteria determined by the agency operating each complex and must complete a separate application process for each location. Once the application process is complete, space will be allocated as available.

The Student Life and Leadership Development department is not responsible for housing referrals. You must contact each complex individually.

Bagley Downs, 19th Avenue between Pearl and High, Eugene

- St. Vincent de Paul offers these units in partnership with Lane.
 All units are two bedroom.
- Call 541.687.5820, ext. 130 to get on the Lane Community
 College waiting list. As units become available students on the
 list will be contacted to complete application and verify income
 and student status.

Aurora Building, 100 East 11th, Eugene Village Oaks, 3606 West 18th, Eugene Firwood, 2139 West 12th, Eugene

- Students should apply in person at the Lane County Housing Authority, 300 West Fairview, Springfield.
- Some students may already be on the waiting list at these places. Students also may be on lists at other HACSA complexes. Contact the Lane County Housing Authority, 300 West Fairview, Springfield, and also ask to be placed on the Lane Community College waiting list.

College Corner, 704 Mill Street, Springfield

 Contact Jennings Property Management, 541.683.2271 for more information regarding Jennings application process.

University of Oregon housinguoregon.edu

 Students who are dual-enrolled may access the UO Housing Office, 541.346.4277.

Many students reside in rental apartments throughout the Eugene-Springfield area. Lane's Student Life and Leadership Development office provides housing referral information to Lane students. Housing information also can be found at *registerguard.com* and at *lanecc.edu/studentlife/housing-information*.

Contact Lane Community College Student Life and Leadership Development, 541.463.5336.

International Programs

Building 11, Room 235; 541.463.3434; lanecc.edu/international

Admissions/Advising and Student Activities: Bldg. 11, Room 235

More than 400 international students from over 40 countries attend Lane Community College. Students who are in the United States on an F-1 student visa can study in either the ESL Program or in credit level classes. International Programs helps students create positive and successful educational experiences that include orientation to the college and community, immigration advising, academic advising, transfer planning, assistance with housing and recreational activities. Opportunities are available throughout the school for both international and American students, including on-campus activities and enrichment trips to local, regional and statewide places of interest. Students from all over the world join together and share their cultures in activities such as, Coffee Talk social hours, holiday celebrations and an annual International Day. Activities focus on making friends and learning about each other and other cultures.

International Programs supports students in maintaining their F-1 status and with SEVIS rules. SEVIS requirements mandate that international students successfully complete 12 credits/18 hours per term with a 2.0 GPA. Support is provided to international students with difficulty meeting this requirement through the International Success Program, which includes tutoring, required classes and extra advising. This is offered to help students meet their academic goals

and stay in status with immigration rules and regulations. Students who do not meet these requirements have their SEVIS status terminated and must return home or transfer. For information about the SEVIS rules see lanecc.edu/international/immigration-policies.

Legal Services

Building 1, Room 206, 541.463.5365

Legal advice is free and available to all credit students on main campus through the mandatory student activity fee. An attorney is available 20 hours per week with limited hours during summer term. Appointments may be made through the Access the Law office, 541.686.4890, 245 W. 13th Avenue, Eugene.

Library

Center Building, Second Floor, 541.463.5273, library.lanecc.edu

The Library provides resources for the instructional, research, recreational, and general information needs of students, faculty, staff and community residents. The collection includes over 60,000 books and audiovisual materials, over 200,000 e-books, subscriptions to print periodicals, and a wide variety of databases offering online access to over 90,000 periodicals. Remote access to the Library's catalog and full-text online databases is available to Lane students and staff. The Library's website is *library.lanecc.edu*.

Instruction and Services Librarians provide information assistance to individual students, faculty and staff; offer classes in library research skills; present orientations to classes; assist with the preparation of research assignments; prepare specialized bibliographies; design course-specific web pages; and work with faculty to develop the Library's collection and provide curriculum support. Lane students can borrow materials from libraries in the Pacific Northwest and beyond. The library also provides computers and equipment, group study rooms, video viewing, a library classroom, and assistive technology.

Hours The Library is open 7:30 a.m.-7 p.m. Monday through Thursday and from 7:30 a.m.-5:30 p.m. Friday. The Library is closed Saturday and Sunday.

Open Educational Resources (OER) Some classes at Lane use Open Educational Resources (OER). OER take the place of more expensive textbooks, reducing the overall cost of taking the class. For more information on classes using free and low-cost materials, visit <code>lanecc.edu/oer</code> or email <code>oer@lanecc.edu</code>

Music, Dance and Theatre Arts

Music Music students at Lane have many opportunities to perform publicly as soloists and as members of vocal and instrumental ensembles. Lane has a chamber choir, concert choir, gospel choir, symphonic band, jazz ensemble, chamber orchestra, and jazz combos. These groups perform regularly at term's end and on special occasions, including tours. Solo musicians are encouraged to perform in showcases held once or twice a term, usually at noon, on the main stage. Some of Lane's music ensembles are open to all students, others require auditions. Lane features a two-year curriculum designed for music majors, a vibrant music technology program, and a variety of general music courses accessible even to beginners. Individual lessons are available for voice and various instruments. Whether students already have some music training or want to get started, they can share the joy of making music at Lane.

Dance Dance students have a variety of performance opportunities throughout the year. Students perform on the main stage in Open Show at the end of each term. Open Show is an informal, supportive and fun performance opportunity where dancers of all levels hone their technical and performing skills. Intermediate and advanced level dancers audition for the Lane Dance Company where

they work with faculty and guest choreographers on original and repertory work for the annual faculty concert Collaborations. The Works Student Dance Concert showcases student choreographers and dancers in a formal theatrical setting. Students move from the studio studying choreography, to the stage where they learn about lighting, costuming, and performance skills. Lane's dance program is designed for dance majors to transfer to 4-year programs. It is a two-year curriculum based in technique, somatics, creativity and performance that develops the dancer physically, intellectually and emotionally.

Theatre Productions Productions are the logical outcome of class work, and Lane strongly encourages its theatre arts students to audition for shows. Public performance is the ultimate test of skill and courage. The Theatre Arts program produces several shows a year. Casting policy puts students first and often includes guest artists and performers from the greater Lane community and beyond. Lane has earned a reputation for producing some of the best shows in the area.

The Student Production Association is the producing arm of the Theatre program offering students the opportunity to participate in all aspects of producing a full season of productions. Each year we regularly produce student written plays as well as an independent film. Lane faculty maintains strong relations with other producing groups in the community, often recommending students upon the request of that organization and providing students an opportunity to receive credit for their work. Talent grants and scholarships are available. For more information, call 541.463.5648.

Photo ID

A Lane Community College Photo ID is not required for conducting business at Lane. Many business processes will require a form of photo ID, including a valid driver's license, Lane photo ID or passport. The \$5 charge of a Lane Photo ID is not included in the ASLCC student activity fee. Any faculty/staff member or student currently registered at Lane may purchase a Lane Photo ID from the Titan Store on main campus. Replacement cards are \$5. Photo ID's are available beginning the Tuesday of the second week of each term. For information and hours, contact the Titan Store at 541.463.5256.

Sports and Fitness

Fitness Education Center, Building 5, Room 101, 541.463.3987

The Fitness Education Center provides state-of-the-art exercise equipment and educational instruction in health and fitness. Staff and students gain access to the center during open hours by registering for Fitness Education: Introduction and Fitness Education: Orientation. Students and staff may continue to take the course by registering for Fitness Education: Returning. Students satisfy course requirements through attending exercise sessions during usage hours. The class is available for credit or non-credit through Continuing Education. The environment is supportive, not competitive, educational and encourages people of all fitness levels and abilities. In addition, a professionally trained and dedicated staff is always available for personal guidance.

Potential benefits of participation in a regular exercise program include: increased energy, improved ability to cope with stress, reduced risk of developing chronic diseases, increased focus and concentration, weight maintenance, and improved self-image.

Recreational Sports Program, Building 5, Room 204, 541.463.5293

A current valid student ID or other proof of current term enrollment is required for participation/purchase.

The Recreational Sports program offers a selection of services at discounted rates for eligible students. These include: community sports, family activities, trips and outings, on campus drop-in opportunities, and discounted admissions to local attractions/activities.

Eligible Lane students may participate in local athletic leagues at discounted rates. The one-day and weekend events offer an opportunity for social growth and recreational participation in a safe and fun environment. By design, the program is intended to create a climate where everyone is welcome. Participation in the program is voluntary and determined by interest. Please visit the Recreation Office in the Building 5 foyer area for current term offerings. All recreational sports activities are governed by regulations provided in the Recreational Sports Handbook and supervised by the Recreational Sports office.

Intercollegiate Athletics, Building 5, Room 205, 541.463.5599

Lane Community College sponsors intercollegiate athletics that encourage an emphasis on academics, personal development, personal enrichment, community support, career development, and athletic excellence. The intercollegiate athletic program offers students opportunities to compete in ten varsity sports: Men's and Women's Basketball, Men's and Women's Cross Country, Men's and Women's Track and Field, Men's Baseball, Men's and Women's Soccer, and Women's Volleyball. Teams participate in the Northwest Athletic Conference (NWAC) with 36 other Idaho, Oregon, Washington, and Canadian colleges. The NWAC governs the conference, which is divided into four main regions (north, east, south, and west). Lane competes in the southern region. Qualifiers from each region compete annually for conference championship titles.

Fall	Winter	Spring
Women's Cross Country	Women's Basketball	Men's Baseball
Men's Cross Country	Men's Basketball	Women's Track & Field
Women's Soccer		Men's Track & Field
Men's Soccer		
Women's Volleyhall		

The administration of the Athletic program is conducted through the Health, Physical Education and Athletic Division. The division chair oversees all employees of the Intercollegiate Athletic and Recreational programs. Personnel include the athletic director, head coaches, assistant coaches, athletic trainer, athletic administrative specialist, student recreation director, recreation assistants, and student academic coordinator.

Student Email

Lane Community College has established email as an official means of communication with students.

Your student email account is used by the college to communicate important information such as course changes, information about your program of study, and notifications about academic recognition. You can also use the account for personal correspondence.

Students can get help with their email accounts at the Student Help Desk (SHeD) at 541.463.3333, email shed@lanecc.edu or visit the Student Help Desk in the library.

Student Government: ASLCC

Building 1, Room 210, 541.463.5290

The Associated Students of Lane Community College (ASLCC) legislative body is the Senate, composed of four executive officers, ten senators, and seven student staff positions (appointed, nonvoting positions). The purpose of ASLCC is to represent student interests and concerns and to promote student involvement in all phases of college life. Financing for ASLCC comes from the mandatory \$54.30 student activity fee.*

Contact the ASLCC president (541.463.5335), vice president (541.463.3197) or the Student Activities Office if you would like to:

- · serve on a college committee.
- · form an organization.

- · plan an activity.
- become involved in student government.
- · make suggestions and express concerns.
- * This fee is subject to change pending ASLCC elections.

Student Life and Leadership Development

Building 1, Room 206, 541.463.5336

The Student Life and Leadership Development office coordinates and supervises the following areas: Student Life Programs; Black Student Union, Latino Student Union, QSA, Native American Student Association, Phi Theta Kappa, and other student clubs and organizations; Associated Students of Lane Community College (ASLCC) including the ASLCC senate and staff, ASLCC Legal Services, Cultural Events and Programs, Recreational Sports, Oregon Student Association, and the Oregon Student Public Interest Research Group.

Student Life programs provide students with opportunities to develop and enhance leadership skills and gain experiences in administration, budget development, computers, programming, and communication through participation in ASLCC, committees, cultural programs, and workshops.

Active clubs vary from year to year and represent many student interests on campus. Students are encouraged to organize new clubs and special groups compatible with the spirit of the college community. Students interested in contacting specific clubs can stop by Student Life and Leadership Development office. Groups or individuals interested in forming clubs and organizations should contact the ASLCC Campus Events Director at 541.463.5330.

The Student Life and Leadership Development office is open Monday - Thursday, 8 a.m.- 6 p.m. and Friday, 8 a.m.- 5 p.m.

Asian Pacific Islander Student Union, Building 1, Room 201F, 541.463.3245

The Asian Pacific Islander Student Union (APISU) mission is to offer a safe space for Asian and Pacific Islander students at Lane Community College (LCC) to meet and network in order to educate, promote, and encourage awareness of Asian Pacific Islander cultures and traditions at LCC and within our community locally, nationally, and internationally.

Black Student Union, Building 1, Room 201, 541.463.5340

The Black Student Union (BSU) is a student-based organization focused on the cultural, social and academic needs of African-American students attending Lane. It seeks to build cultural and community bridges in the general context of the academic environment. The BSU is involved with the sponsorship of three campus/community events during the academic year: Kwanzaa, the Martin Luther King, Jr. Celebration, and Black History Month.

The BSU is open to all students, regardless of race, creed, color, religious affiliation, or sexual orientation. Membership requires a commitment to the BSU mission. BSU is committed to the development of cross-cultural ties with all groups on campus and in the community at-large. The faculty advisor is Greg Evans.

Connie Mesquita Multicultural Center Building 1, Room 201, 541.463.5276

Drop by the Multicultural Center lounge and relax, socialize and enjoy tea or coffee in a racism and homophobia-free zone. The center strives to create a space that is safe and supportive of all people, a space that inspires students to stretch and realize their potential.

The center offers support services to students of all ethnic backgrounds to ensure their academic success. Center staff can assist with admissions and financial aid information; referral to community resources including food, shelter, childcare, and medical and dental health; participation in student clubs and associations; starting

your own student club; and organizing events throughout the year that promote inclusion and understanding.

Connie Mesquita Multicultural Center Edificio 1, sala 201, 541.463.5276

Venga a la sala del Multi-Cultural Center y relagese, socialice y disfrute te o cafe en una atmósfera libre de racismo e homofobia. El centro crea un lugar que es seguro para todas las personas, es un lugar que inspira a los estudiantes a extender y desarrollar sus potenciales.

El Centro ofrece servicios de apoyo a estudiantes de todos los étnicos para asegurarles el éxito académico. El personal del Centro puede assistirle con información sobre admisión, ayuda financiera, participación en clubes y asociaciones estudiantiles, como empezar su propio club estudiantil, organizar eventos durante el tiempo escolar para promover entendimiento e inclusión. También encontrara información sobre servicios disponibles hacia la comunidad, tales como; comida, refugio, guarderias, y servicios de salud medica y dental.

Gender and Sexuality Alliance, Building 1, Room 206, 541,463,5331

Queer Straight Alliance (QSA) is dedicated to creating alliances between the local queer population and its straight allies. The primary objectives of the QSA include educating the college and community groups about homophobia, heterosexism, and queer experiences; raising awareness about anti-queer legislation at the state and local levels; providing a safe space for open discussions about sexuality and gender issues; and providing queer-positive outreach to local high schools and community organizations.

Movimiento Estudiantil Chicano de Aztlán (MEChA), Building 1, Room 201, 541.463.5144

MEChA is a student organization that promotes higher education, cultura, and historia. MEChA was founded on the principles of self-determination for the liberation of our people. We believe that political involvement and education is the avenue for change in society.

Each word in MEChA symbolizes a great concept in terms of la causa. Movimiento means that the organization is dedicated to the movement to gain self-determination for our people. Estudiantil identifies the organization as a student group for we are part of our Raza's future. At the heart of the name is the use of the identity: Chicano. At first seen as a negative word, it is now taken for a badge of honor. In adopting a new identity, the students committed to return to the barrios, colonias, or campos and together, struggle against the forces that oppress their gente. Lastly, the affirmation that we are Indigenous people to this land by placing our movement in Aztlan, the homeland of all peoples from Anahuak.

Movimiento Estudiantil Chicano de Azatlán (MEChA), Edificio 1, Cuarto 201, 541.463.5144

MEChA es una organización estudiantil que promueve la educación superior, histórico y cultural. MEChA fue fundada en los principios de autodeterminación para la liberación de nuestro pueblo. Creemos que la educación y participación política es la vía para el cambio en la sociedad.

Cada palabra de MEChA simboliza un gran concepto en términos de la causa. Movimiento significa que la organización está dedicada a la circulación para obtener la autodeterminación de nuestro pueblo. "Directorio Estudiantil Revolucionario" identifica a la organización como un grupo de estudiantes para nosotros somos una parte de nuestra Raza del futuro. En el corazón de la denominación es el uso de la identidad Chicana. A primera vista como una palabra negativa, ahora se toma por una placa de honor. En la adopción de una nueva identidad, los estudiantes comprometidos a regresar a los barrios, colonias o campos y juntos, luchan contra las fuerzas que oprimen a su pueblo. Por último, la afirmación de que somos personas indígenas a esta tierra mediante la colocación de nuestro movimiento en Azatlán, la patria de todas las personas de Anahuak.

Native American Student Association, Building 1, Room 201A, 541.463.5238

The Native American Student Association (NASA) is an organization established to provide Native American students an environment which supports traditional cultural values and beliefs and academic achievement. NASA's priority is fostering a positive educational environment for Native American students while they are attending Lane. NASA assists all Native American students in maintaining contact with their tribal educational and financial departments, family, and the Bureau of Indian Affairs. Contacts are supported through the NASA faculty advisor and the network of Lane advisors. NASA openly welcomes all students at Lane to actively participate in NASA events and feel at ease to ask questions about tradition, heritage and the history of the Native American people. The Native American Student Advisor is James Florendo.

Phi Theta Kappa Honor Society, 541.463.5345

Phi Theta Kappa is the only honor society for students enrolled in two-year colleges. It originated in 1918 in Mississippi and has over 1,000 chapters which honor students' academic achievement in every discipline. The Sigma Zeta Chapter began at Lane in 1968 and is one of the oldest chapters in Oregon.

To join, students must currently be enrolled in a degree, certificate or transfer program, have completed 12 full-time or 18 part-time credits, have a GPA of 3.25 or better, and be recommended by two members of the faculty as being self-motivated and committed to excellence. There are one-time dues which are payable in several options.

Student Help Desk (SHeD)

Center Building, 2nd Floor, 541.463.3333, shed@lanecc.edu; lanecc. edu/atc/student-help-desk; live online chat and online knowledge-base at help.lanecc.edu

Knowledgeable staff are ready to provide immediate assistance to students with Moodle, myLane, wireless access and other academic technologies. Call, email, drop by, or use the online chat tool. The SHeD is open Monday-Friday, 8 a.m.-5 p.m. The Self-Help Knowledgebase has answers to many commonly asked questions and is available anytime.

Student Publications

Denali Literary and Arts Magazine, Center Building, Room 457, 541.463.5419; Denali Office, Center Building, Room 024, 541.463.5897

Denali is LCC's literary and visual arts magazine published once a year. Original poetry, prose, visual and graphic arts are accepted for evaluation by a student-run editorial board.

Denali operates under the guidelines of the LCC Media Commission. A student editor is selected through a competitive hiring process in late spring. The editor may elect to work with a faculty advisor and editorial board. The magazine is published in spring of the following year and distributed free of charge to Lane Community College students and staff, and to the Lane County community.

Students wishing to submit copy or art, or become involved in any aspect of producing the magazine may contact the Denali editor at denali@lanecc.edu.

Students interested in earning Cooperative Education credit may contact Cooperative Education at 541.463.5203.

Torch, Center Building, Room 008, 541.463.5654

The Torch is an award-winning, student-produced, weekly campus newspaper with an average circulation of 2,200 copies. Published by authority of the Lane Community College Board of Education through the LCC Media Commission, it is an independent newspaper

free from censorship by the college administration, faculty and student government.

The Torch serves three purposes: it provides news and information of importance and interest to Lane students and staff; it serves as a learning laboratory for students of journalism, photography, graphic arts, multimedia, web design, and advertising; and it provides a communication channel for student commentary and debate. All Lane students may submit guest commentaries and letters for publication in the Torch. Any Lane County resident is eligible to work for the Torch, should they meet the hiring criteria.

Cooperative Education credit in journalism, graphic design, photography, web design, and media arts is available for students working on the Torch. Students interested in joining the Torch staff may contact the Torch editor at *editor@lcctorch.com* (541.463.5655) or Charlie Deitz, news and editorial advisor, at 541.463.5654.

Student Snack Shack

Building 1, Second Floor, 541.463.5343

The student run snack shack is offered through Student Government and sells bagels, muffins, cold drinks, candy, chips, fruit, yogurt, coffee, hot dogs, fresh sandwiches, etc. for students on a daily basis. Hours vary from 8 a.m.- 3:30 p.m. most days. Free coffee is offered every Wednesday.

Substance Abuse Prevention

The Recovery Center, Building 1, Room 226, 541.463.5178

The Recovery Center ("Recovering Sobriety, Recovering Culture") offers comprehensive and confidential substance abuse prevention services for students and staff. Services include information, referral and individual and group support, counseling about issues which affect students, staff and their families. Support groups are available to support recovery or simply to gain information on a variety of issues including alcohol and other drug abuse, smoking cessation, eating issues, parenting, co-dependency, and related problems. The center suggests a wide variety of choices based on each individual's circumstances. The center does not advocate any particular program of recovery or self-help, other than what works.

The Recovery Center facilitates the formation of student-run support groups on topical issues such as Narcotics Anonymous and Alcoholics Anonymous. While these meetings are listed in the community as open meetings, they are facilitated by Lane students and therefore are subject to time changes from term to term. They are not held during finals week and school breaks.

All services are open to currently enrolled Lane Community College students (and their families) in credit, Adult Basic and Secondary Education, and Workforce Development classes. There is no cost to students or their families. Most services are provided by professionally trained staff. Information and referral services are provided by trained volunteers and students.

All services provided are confidential. Information is not released without student permission, except upon court order. Office hours for fall, winter and spring terms are 9 a.m. to 5 p.m., Monday through Friday. The center is closed summer term.

For more information, email: harrism@lanecc.edu or call the center or visit lanecc.edu/counseling/substance-abuse-prevention.

Sustainability

Lane's commitment to sustainability is best summarized by its sustainability core value of:

- Integrating practices that support and improve the health of systems that sustain life.
- Providing an interdisciplinary learning environment that builds understanding of sustainable ecological, social, and economic

- systems, concern for environmental justice, and the competence to act on such knowledge.
- Equipping and encouraging all students and staff to participate actively in building a socially diverse, just, and sustainable society, while cultivating connections to local, regional, and global communities.

Lane has many degree programs, classes, and extra curricular activities related to sustainability. Associate of Applied Science degrees are:

- · Energy Management Technician
- · Building Controls Technician Option
- · Renewable Energy Technician Option
- · Sustainability Coordinator
- · Water Conservation Technician
- · Watershed Science Technician

Extra-curricular activities include several student clubs:

- Global Health-Power to Change, contact: Susie Cousar at 541.463.5271 or cousars@lanecc.edu
- Green Chemistry Club, contact: John Thompson at 541.463.5199 or thompsonj@lanecc.edu
- Learning Garden Club, contact: Learning Garden Specialist at 541.463.5899 or learninggarden@lanecc.edu
- Oregon Student Public Interest Research Group, contact: 541.463.5166 or ospirg@lanecc.edu

To find current sustainability events and to learn more about sustainability at Lane visit the website at *lanecc.edu/sustainability*.

Testing Office

Building 1, Room 116, 541.463.5324, lanecc.edu/testing, testingoffice @lanecc.edu

For current information about Testing Service office hours, fees, to make an appointment and other details, please visit *lanecc.edu/testina*.

Lane Community College offers a wide range of tests to students who want help in understanding themselves and making wise career decisions. The college uses tests as one of several counseling/advising tools, not merely as a record of performance. The Testing Office provides all students an opportunity to discuss their test results with a counselor/advisor who will assist them in exploring the meaning and implications of their test results.

Any current Lane student may use the Testing Office, and in many cases, people who expect to become Lane students may use it. Students who wish to take vocational interest surveys and personality inventories need to see a counselor to determine if a test is desirable and to get a referral. Students do not need a referral, howerver, to take General Education Development (GED) tests, screening exams conducted for various departments, or the placement tests for new students in reading, writing and math.

Many kinds of tests and assessments are available:

- Placement tests in reading, writing, and math (Main Campus, Cottage Grove Center and Florence Center).
- GED tests (Main Campus).
- Avant Place Language placement test in Spanish and French (Main Campus)
- · ATI TEAS (Main Campus)
- Vocational interest surveys (Main Campus, Cottage Grove Center and Florence Center).
- Personality inventories (Main Campus, Cottage Grove Center and Florence Center).

Titan Store (Bookstore)

Main Campus: Center Building, 1st floor, 541.463.5256, titanstore. lanecc.edu.

Downtown Campus Titan Store and Market: 975 Charnelton St., Eugene, 541.463.6156, titanstore.lanecc.edu

The Titan Store carries course materials, including text-books, e-books, textbook rentals, general books, art supplies, computer hardware and software. Students may also purchase clothing, gifts and school supplies at the Titan Store. Course materials are available online at *titanstore*. *lanecc.edu*.

Visit titanstore.lanecc.edu for store hours and additional information.

TRiO Programs

TRiO Regular

Building 1, Room 219, 541.463.3131, lanecc.edu/trio/

TRiO STEM (Science/Technology/Engineering/Math)

Building 1, Room 218, 541.463.3138, lanecc.edu/triostem

TRiO programs at Lane Community College help students succeed. These federally funded programs have the goal of helping students stay in school and successfully graduate from Lane Community College and if desired transfer to a four-year institution. The services provided to eligible students assist in meeting varied challenges of college life and are free of charge. TRiO staff are available to assist students individually with their concerns.

TRiO programs offer advice, support and encouragement to students; individual and small group tutoring with emphasis in math, science, writing, and computers; computer lab; academic advising; personal and career counseling; information and referral to services on and off campus; mentoring; cultural enrichment activities; study groups; special workshops and classes; assistance with transfer planning; and visits to Oregon four-year colleges and universities.

Eligibility

The following criteria must be met to qualify for TRiO.

- enrollment or acceptance for enrollment at Lane Community College.
- working full-time toward a degree at Lane and have a need for academic support.
- U.S. citizen or registered permanent resident.
- · one or more of the following applies:
 - neither parent received a four-year degree
 - qualify for financial aid or meet financial need guidelines
 - have a documented disability that interferes with education

Tutoring Services

lanecc.edu/tutor/

Tutoring Services coordinates free drop-in tutoring in many subject areas and centers on main campus. All tutoring is free to currently enrolled Lane students and provides one-on-one assistance in academic endeavors. **Tutors will** clarify information presented in class or textbooks, help students learn how to think about concepts in courses, discuss ways to work problems, help with effective ways to study and learn, and offer support and encouragement. **Tutors will not** complete a student's homework, edit papers, help with take-home tests, rescue, or do problems without direct student involvement and critical thinking in the learning process. Students are expected to take responsibility for their own learning, but tutors can empathize with the difficulty of a subject and offer coaching and guidance to make the process more clear. For assistance in specific areas, visit the tutoring centers listed below. For

general questions, contact Liz Coleman, Tutoring Services Coordinator by email at colemanl@lanecc.edu.

Tutor Central/Writing Center, Center Building 211 (NE corner)

Tutors assist students in all aspects of writing across the curriculum, math 10/20, and computer skills. Students are motivated to study by our welcoming environment with a grand view of the north hills. Hours are generally Monday-Thursday, 9 am-4 pm and Friday, 9 am-1 pm. Summer hours are 10 am-2 pm. Visit the website for more updated hours. *lanecc.edu/tutor/tutor-central*.

Business Resource Center, Building 19, Room 249, 541.463.5799 *brc@lanecc.edu* (Fatima Farjé)

The Business Resource Center provides assistance in Accounting, AOP, and other business courses. Generally, it is open Monday-Saturday in fall, winter and spring terms. Summer term it is usually open Monday-Thursday. Schedules can change every term, so please visit *lanecc.edu/business-resource-center* for the current schedule.

CIT Computer Lab, Building 19, Room 135A

The Computer Information Technology Department has tutoring available for all students enrolled in all CS and CIS classes except CS 120 and CIS 101. Tutoring for CS 120 and CIS 101 is available in Tutor Central. Tutors are advanced majors in the field of computing. *lanecc.edu/cit/computer-lab.*

Foreign Languages, Center 450/451

French: Contact Karin Almquist, almquistk@lanecc.edu, 541.463.5140

Spanish: Contact Sylvie Matalon-Florendo, florendos@lanecc.edu, 541.463.5143

Math Resource Rooms, MTH 10 - MTH 97, Building 16, Room 163; MTH 105 and up, Building 16, Room 177 (Kristina Holton) 541.463.5399

Peer and professional tutors are available. *lanecc.edu/math/math-resource-center*

Music Lab, Building 6, Room 125, 541.463.5649 (Alberto Redondo)

Assistance is available for music theory, fundamentals, literature, history, and electronic music. lanecc.edu/perarts/music/mdta-resource-center

Online Tutoring Lane Community College has joined the Western eTutoring Consortium. Lane students are able to access free, online tutoring offered by 46 colleges and universities from seven states. Subjects include writing (synchronous and asynchronous), math, chemistry, physics, statistics, economics, calculus, accounting, psychology and more. Find more details at *lanecc.edu/tutor* and click on Online Tutoring Resources.

Science Resource Center, Building 16, Room 193, 541.463.5041 (Star Glass)

Drop-in tutoring, microscopes, models, textbooks, and a computer tutorial for anatomy and physiology are available. lanecc.edu/science/src

Writing Center, Center Building, Room 211, Tutor Central, 541.463.5282 (Casey Reid)

Write with us. We're here to support you and your writing process on any piece of writing related to college or life. Come early and often. *lanecc.edu/llc/English/writing-center*

Adult Basic and Secondary Education The ABSE Volunteer Tutor program provides individual and small group tutoring for adult students in Basic Skills, GED, and English as a Second Language. To become a tutor, contact Amy Gaudia at 541.463.6184, *lanecc.edu/volunteertutor/*. If you need a tutor, please ask your instructor to help you submit the Tutor Request form.

Veterans Services

Building 19, Room 233

VA Educational Benefits Building 19, Room 233, 541-463-5663, *VAEdBenefits@lanecc.edu*, *lanecc.edu*/va/

Programs at Lane Community College are approved by the Oregon Department of Education State Approving Agency as a qualified training institution for students eligible for Veterans' Administration education benefits. All applications for federal VA educational benefits and enrollment certifications are processed through the VA Regional Office in Muskogee, OK; 1-888-442-4551 or *gibill.va.gov*

Eligibility Rules VA Education Benefits are complex and students may have choices to make to determine under which benefit chapter they wish to utilize. All who qualify for benefits need to submit an application to the VA through *Vets.gov*. Students may qualify for more than one VA Benefit Chapter but can only be certified for one at a time. For more information, contact VA Educational Benefits at *VAEdBenefits@lanecc.edu*.

Credit Load/Payment For payment purposes during a standard term, 12 credits is considered full-time. A credit load less than 12 credits is pro-rated at the rate determined by the VA Benefit Chapter the student is receiving. For non-standard terms (summer) or courses that do not follow the standard term length, the actual dates of the course are reported to the VA.

Program of Study Students using VA educational benefits must be enrolled in an approved degree or certificate program and only courses applicable toward the degree or certificate and their prerequisites can be certified for VA payment.

Academic Standards Students using VA educational benefits are required to follow all Lane's GPA requirements in accordance with the Academic Standards outlined in this catalog. Each student applying for VA educational benefits will receive a copy of the Standards of Academic Progress for using VA Benefits at the time of initial certification. These standards apply to all eligible persons using educational benefits administered by the VA.

Unsatisfactory Progress The Veterans' Administration is notified if a student fails to meet the minimum standards of academic progress for three consecutive terms, or receives all "F", "NC," or "NP" grades in any one term, in accordance with Lane's procedures for academic standards. In order to have VA educational benefits reinstated after unsatisfactory progress, a student must satisfactorily complete a subsequent term. The student is reimbursed retroactively by the VA after completion of a successful term.

Schedule Changes, Drops and Adds Veteran benefit students must report all schedule changes occurring after the first week of the term to *VAEdBenefits@lanecc.edu*. Schedule changes may impact a student's VA reimbursement, particularly those occurring after the term's refund period (first week of the term). Students should communicate with the Veterans Services office before making schedule changes, drops, or adds to determine the possible impact on education benefits.

- Within Drop Period If courses are dropped any time during the first 30 days of the term, the student is paid at the previous rate up to the date the course is dropped.
- After Drop Period The VA allows a student to withdraw up to six credits one time only after the drop period of the term and assumes that there are mitigating circumstances; hence, benefits will be paid at the previous rate until the date the course(s) is dropped. Outside of this one-time, six credit exclusion to the "mitigating circumstances" rule, unless mitigating circumstances are submitted and accepted by the VA, any reduction in credit load after the fourth week of the term will result in an overpayment retroactive back to the first day of the term.

Important Veteran Benefit Information

Course Applicability Only courses satisfying program requirements (or prerequisites) outlined in a student's curriculum guide or graduation evaluation form can be certified for VA purposes. If a student takes a course that does not fulfill a program requirement, it cannot be certified with the VA. Excessive electives, for example, that are not needed to fulfill a student's program requirements, cannot be certified with the VA. Payment of tuition and fees for courses that do not meet VA applicability rules are the student's responsibility. In order for prerequisites to be certified with the VA for major requirements in math, English, and writing, testing results from Testing Services must indicate they are necessary. Students needing remedial courses (below 100 level) must enroll in the in-class version (not online) in order to receive VA benefits for these classes.

Repeating Courses Classes that are successfully completed may not be certified again for VA purposes if they are repeated. However, if a student fails a class, or if a program requires a higher grade than the one achieved in a particular class for successful completion, that course may be repeated. Payment of tuition and fees for courses that cannot be certified with the VA are the student's responsibility.

Program Changes Students utilizing veterans benefits must keep their program of pursuit current with the Veterans Services office and on their LCC account. VA Form 1995 or applicable needs to be completed and submitted to Veterans Service at the time a program of pursuit is changed.

Grades Grades are not reported to the VA but completed credits are reported. Students registering for classes but not receiving credit at the end of the term will have an amended certification processed with the VA which may result in a benefit reimbursement adjustment. Students are encouraged to successfully complete all classes for credit to avoid VA overpayment.

Program Planners All students utilizing VA education benefits must have a current term planner approved by an academic advisor and on file within the Veteran Services Office. To ensure course applicability and compliance with VA regulations, each term before classes are certified, the student's registered classes will be compared to the program planner. Only those classes required for successful program completion will be certified with the VA. Students are encouraged to communicate with academic advising prior to registering for any classes to ensure they are applicable and required for the program they are pursuing. Term planners need to be received in the Veterans Services Office no later than 45 days before the term starts to ensure no disruption of VA education benefits. Any changes to previous term planners will require the student to submit a new term planner.

Certification Timeline Approximately six weeks prior to the start of a term, CH 33 post 9/11 benefit students are pre-certified based on who has registered for classes at that time and have submitted a term planner. Students not registered at the time the pre-certification report is processed will be certified beginning after the first week of the term.

Veterans Services goal is to process all VA certifications within 30 days of the term starting. Students will receive an email from the VA at the time their certification is processed. Students will not be VA certified without an approved term planner, for that term, on file with the Veterans Services Office.

VA Payments Veteran benefit students should monitor their school's financial account on a regular basis. Failure to monitor and address unpaid charges may result in late fees or the inability to register for upcoming terms. VA and financial aid payments operate within different time periods. Students should not assume when the VA will make payments to them personally or when they will be applied to their school account. Unforeseen circumstances may occur which could delay when the VA processes a payment.

Flight Technology An addendum to the LCC Course Catalog is the Veteran's Information Bulletin, or VIB, which details current flight training costs (hourly aircraft rental and instructional rates, etc.). This VIB addendum will be provided to the veteran student upon first contact with Veterans Services.

Prior Credits (Transcripts) Students applying for VA benefits at Lane who have attended or received college credits at other schools, using VA benefits or not, must provide official transcripts to Lane within their first term of enrollment. This includes military transcripts (Joint Services Transcript or Community College of the Air Force). Unless all transcripts are submitted to Lane during the student's first term of enrollment, subsequent enrollment periods cannot be certified. Students' past enrollments will be checked with the National Student Clearinghouse. Students must avoid taking any classes at Lane that were successfully completed elsewhere. When official transcripts are reviewed, if it is found a student has received VA benefits at Lane for classes that were successfully completed elsewhere, this will be reported to the VA and may result in an adjustment to their education benefits.

Basic Choice Act A student is entitled to pay tuition and fees at Lane Community College at the rates provided for Oregon residents without regard to the length of time the person has resided in this state if the student resides in this state while enrolled in the institution and the student is:

- A Veteran using educational assistance under either chapter 30 (Montgomery G.I. Bill – Active Duty Program) or chapter 33 (Post-9/11 G.I. Bill), of title 38, United States Code, who lives in Oregon while attending a school located in Oregon (regardless of his/her formal State of residence) and enrolls in the school within three years of discharge or release from a period of active duty service of 90 days or more.
- Anyone using transferred Post-9/11 GI Bill benefits (38 U.S.C. § 3319) who lives in Oregon while attending a school located in Oregon (regardless of his/her formal State of residence) and enrolls in the school within three years of the transferor's discharge or release from a period of active duty service of 90 days or more.
- Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three year period following discharge or release as described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.
- Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in Oregon while attending a school located in Oregon (regardless of his/her formal State of residence).
- Anyone using transferred Post-9/11 G.I. Bill benefits (38 U.S.C. § 3319) who lives in Oregon while attending a school located in Oregon (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.

Lane's Robert D. Maxwell Student Veterans Center Building 19, Room 233B

The Maxwell Student Veteran Center provides a spot where Lane student veterans can take a breather, study, get questions answered, and make connections with fellow Lane student veterans. The center offers PC and Mac computer stations, Wifi, printer, FAX/copier, study area, dedicated quiet space, and notebook computer loan program, as well as a lounge with hospitality service, current College and community resource information, used textbook and DVD lending library, telephone for local calls, and current veteran-related magazines, periodicals, and literature. The center also serves as home base for the Lane Student Veterans Club.

Gender Equity Center

Building 1, Room 202, 541.463.5353

The Gender Equity Center is a respectful, inclusive, and supportive environment for people of all gender identities to explore, celebrate, and educate the campus community about gender equity. Equality assumes that life is a level playing field where everyone gets the same things in order to thrive. The reality is that we all start from different places. Equity means giving people what they need to thrive. The Gender Equity Center provides resources for students, staff and faculty including educational resources, programs, events and peer mentorship through the Peer Gender Ambassador Program. The Center is committed to being a learning place where all levels of understanding are welcome and respectful dialogue is encouraged. The Center provides space for student groups to meet and gather to build community across the gender spectrum.

Areas of focus include:

- · Women in Transition academic program
- · LGBTQ support and community building
- · Transgender Advocacy and education
- · Healthy Masculine Identities
- · CTE Advising for non-traditional career fields
- · Title IX and Sexual Assault support

The Gender Equity Center is a welcoming, inclusive and vibrant place for students to gather, socialize, and connect. The Center is a supportive entry point to Lane that provides services to assist women to attain their goals.

Services include:

- peer assistance with admission, registration, and applying for financial aid
- information, resources, referrals to campus and community organizations
- · student computers

Women in Transition empowers women to become economically self-sufficient and improve their lives through access to education. Women in Transition offers:

- a learning community comprised of a LifeTransitions course paired with a Career & Life Planning course, focusing on increasing self-esteem, developing healthy relationships, decision-making, goal-setting, and career planning
- advanced classes in LifeTransitions 2 and LifeTransitions 3

The Career and Technical Education (CTE) Mentor provides support for students exploring CTE programs of study that lead to "high demand, high wage" occupations that are non-traditional for their gender. The Mentor provides ongoing support for all students. This includes: supplemental training, outreach, opportunity, leadership and career coaching. Emphasis is on recruiting and retaining students into pro- grams of study considered "non-traditional" for them

Degree and Certificate Overview

A new academic year begins every summer term and ends with the following spring term. Every academic year Lane publishes a new catalog describing the policies, academic programs and requirements in effect during that academic year. The requirements for a program can change and it is the student's responsibility to know and adhere to the policies and requirements in their governing catalog.

Governing Catalog A student's governing catalog is the one in effect at the time the student first enrolls in credit classes. All two-year programs in this catalog are valid for five academic years and expire at the end of spring quarter of the fifth academic year; all one-year programs and Career Pathway Certificates are valid for three academic years and expire at the end of spring quarter of the third academic year. If a student has a break in attendance for four terms or more, that student is not eligible to use their original governing catalog.

Revisions to Catalog While Lane makes every effort to ensure the accuracy of the information in this catalog, changes may be necessary. Therefore, this catalog is not a contract between Lane and current or prospective students. If the College approves changes that affect this catalog, the revised requirements will be available online in myGradPlan, in academic departments, as well as in program advisors' offices. Students affected by changes should contact the appropriate program advisor, program coordinator, or academic dean.

Degrees and Certificates Lane may confer the following degrees and certificates upon satisfactory completion of these prescribed credit programs:

Degrees and certificates with an* are career technical programs. The title of the career technical program will appear on the degree or certificate when awarded.

- Associate of Arts Oregon Transfer
- · Associate of Science Oregon Transfer: Business
- Associate of Science Oregon Transfer: Computer Science
- · Associate of General Studies
- · Associate of Science
- Associate of Science: Oregon State University
- · Associate of Science: University of Oregon
- *Associate of Applied Science
- · *One-Year Certificate of Completion:
- *Two-Year Certificate of Completion:
- · *Career Pathway Certificate of Completion:

Graduation Requirements Candidates for an associate degree or certificate must meet the following requirements:

- Total Credits Complete the number of credits as required for the individual degree, including foundational skills and discipline studies requirements.
- Minimum Credits at Lane Complete at least 24 credits.
 Career Pathways Certificates can be earned with fewer than 24 credits.
- Grade Point Average Earn a minimum cumulative GPA of 2.00 at Lane
- Pass/No Pass Students may select P/NP option for up to 16 credits toward a degree/certificate, unless specified by AAS or Certificate programs. This does not include courses only offered P/NP.

- Credit-by-Exam and Credit-by-Assessment Credits used toward a degree/certificate may not exceed 25% of total degree credits
- Apply for graduation during the first week of your final term.

Exceptions for Program Requirements Lane does not authorize individual departments to waive degree requirements of Foundational Skills and Discipline Studies requirements. An instructional dean, or designee, may use any course on a student's transcript to substitute for any required major course limited up to 10 percent of the program for Career Technical programs only. The Academic Requirements Review Committee will consider petitions to substitute a college General Education requirement.

In accordance with the Rehabilitation Act of 1973, Section 504, colleges must be willing to modify academic requirements to prevent discrimination against eligible students with disabilities. Therefore, qualified students with disabilities may request that appropriate course substitutions be considered as a programmatic accommodation.

Graduation

Lane awards degrees and certificates to students at the end of summer, fall, winter, and spring terms. Students apply for their degrees or certificates the term they intend to complete. Application forms are submitted online through myLane.

Commencement

Commencement is the annual ceremony Lane has for all graduates who complete their degrees during the year. The commencement ceremony is held in June. There is no separate application to participate in commencement. Students who have applied for graduation and who have not completed their studies can still participate in the ceremony.

Transfer Guidelines for Degrees and Certificates

The following policies apply to transfer course work.

Lane uses course work from U.S. colleges and universities that are regionally accredited by:

- Middle States Association of Colleges and Schools, Middle States Commission on Higher Education
- New England Association of Schools and Colleges Commission on Institutions of Higher Education
- New England Association of Schools and Colleges Commission on Technical and Career Institutions
- The Higher Learning Commission (formerly the North Central Association of Colleges and Schools)
- · Northwest Commission on Colleges and Universities
- Southern Association of Colleges and Schools Commission on Colleges
- Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges
- Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities

Transfer Credit Process

Students transferring to Lane and seeking a Lane degree or certificate should submit official transcripts to Lane from postsecondary institutions previously attended. An official evaluation will be performed by a Lane degree evaluator when a student applies for graduation. Evaluation of credits may only be started after Lane has received your official transcript(s). Students are notified if the evaluation determines that they have not yet met graduation requirements. The results of an evaluation can be viewed in myGradPlan. All documents submitted to Lane become the property of Lane and

are subject to federal law, as well as the Family Education Rights and Privacy Act. Courses may transfer even if Lane does not offer an identical course. Not all transfer course work is eligible to meet defined degree or certificate requirements. Under some circumstances, counselors and academic advisors for the program and/or major can offer an unofficial or non-Lane degree/certificate transcript evaluation. However, the official evaluation will occur upon request in your graduation term.

U.S. Transfer Credits

- Grades of 'Pass' are only transferable when the issuing institution defines the grade as C- or better.
- Coursework at 300 levels or above is reviewed on a case-bycase basis.
- The college or university must have been regionally accredited or be a candidate for regional accreditation when the coursework was taken. See list above.

International Transfer Credits

- Coursework listed on non-U.S. transcripts must be evaluated by an agency on the NACES website.
- · A course-by-course evaluation is required.

Non-Traditional Transfer Credits

- Credit-by Assessment and Credit-by-Exam may be granted for some courses. Students can use these methods to earn credits when institutions are not regionally accredited for a maximum of 25 percent of the degree or certificate. More information is available at *lanecc.edu*.
- Lane will evaluate any of the following learning experiences for credit depending on test and score: Advanced Placement (AP), College-level Entrance Examination Program (CLEP), and International Baccalaureate (IB). DANTES (DSST) is accepted on a highly limited, case-by-case basis through faculty assessment. Military Service Credit, (AARTS, CCAF, CGI, and SMART) is considered for transfer evaluation based on American Council on Education (ACE) recommendation. Lane does not accept non-military ACE recommendations.
- A military Veteran will be granted three credits of PE applicable to all PE/Health degree requirements upon the submission of a DD214 with basic training completion.

Student Learning Assessment

For the purpose of assuring a high-quality learning environment, Lane conducts assessments to measure student learning. Students may be asked to participate in satisfaction surveys, compile portfolios of academic work, take achievement or licensure exams, or demonstrate skills in other ways. The purpose in all these activities is to monitor the quality of learning at Lane and provide evidence to evaluate and improve programs. Participants can be assured that all assessment results will be treated with strictest professional confidentiality. Results appearing in Lane assessment reports and other public documents are presented anonymously, and no student is individually identified. Students are strongly encouraged to participate to the best of their abilities in these assessment efforts.

Credit Student Outcomes

From a cohort of 670 full-time, first-time in college, degree/certificate-seeking students enrolled fall term 2012: 81 had completed a degree or certificate by August 2015 (12%); 109 had completed a degree or certificate by August 2016 (16%); 96 had transferred to another higher education institution by August 2015 (14%); 130 were still enrolled at Lane by August 2015 (19%).

Outcomes for AAOT, ASOT-Business, ASOT-Computer Science, Oregon Transfer Module

Students earning the AAOT, ASOT-Business, ASOT-Computer Science, or the Oregon Transfer Module will complete coursework with the following General Education Outcomes:

Writing Outcomes

- Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- Locate, evaluate, and ethically utilize information to communicate effectively.
- Demonstrate appropriate reasoning in response to complex issues

Information Literacy Outcomes

- · Formulate a problem statement.
- Determine the nature and extent of the information needed to address the problem.
- · Access relevant information effectively and efficiently.
- · Evaluate information and its source critically.
- Understand many of the economic, legal and social issues surrounding the use of information.

Mathematics Outcomes

- · Use appropriate mathematics to solve problems.
- Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

Speech/Oral Communication Outcomes

- Engage in ethical communication processes that accomplish goals.
- · Respond to the needs of diverse audiences and contexts.
- · Build and manage relationships.

Arts and Letters Outcomes

- Interpret and engage in the Arts and Letters, making use of the creative process to enrich the quality of life.
- Critically analyze values and ethics within a range of human experience and expression to engage more fully in local and global issues.

"Arts and Letters" refers to works of art, whether written, crafted, designed, or performed, and documents of historical or cultural significance.

Social Science Outcomes

 Apply analytical skills to social phenomena in order to understand human behavior. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Science or Computer Science Outcomes

- Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models and solutions and generate further questions.
- Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically evaluate existing or alternative explanations, solve problems, and make evidence-based decisions in an ethical manner.
- Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Cultural Literacy Outcomes

- Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.
- Explore how culturally-based assumptions influence perceptions, behaviors, and policies.
- Examine the historical bases and evolution of diverse cultural ideas, behaviors, and issues.

Human Relations Outcomes for AAS and Certificates

Associates of Applied Science degrees and 1-year and 2-year certificates require students to successfully complete a course qualifying for human relations requirements. Courses on the Human Relations Courses list require students to meet at least three of the following eight outcomes:

- Describe and use appropriate communication skills including non-verbal communication and active listening, barriers to communication and how to overcome them, assertive behavior and how it differs from passive and aggressive behavior.
- Describe the characteristics of an effective work team, the typical stages of team development, and how to be a capable team member.
- Understand the issues involved in working with people from different cultural backgrounds and how to work effectively in a diverse workplace.
- Describe and demonstrate the rules of "principled negotiation" and conflict resolution.
- Describe and demonstrate customer satisfaction skills for "internal" and "external" customers.
- 6. Identify character traits associated with being an ethical person and use a systematic method for making ethical decisions and behaving ethically in the workplace, in what sexual harassment is, how to prevent it, and how to deal with it if it occurs.
- 7. Describe and give examples of how to effectively manage workplace stress and anger.
- 8. Identify their individual work style and personality (i.e., where they like to focus their attention, the way they like to take in information and the way they like to make decisions), and the strengths and weaknesses of that style.

Associate of Arts Oregon Transfer Degree

The Associate of Arts Oregon Transfer (AAOT) degree is designed for students who want to complete the first two years of a college education, with flexibility to transfer to public universities in Oregon. The AAOT is a block-transfer degree, which means a student with an AAOT will have met the lower division general education requirements for baccalaureate degree programs.

A student selecting this transfer option still must meet the receiving university's admission requirements, including course standing, grade point average and foreign language. The AAOT does not guarantee admission to a public university, or admission to a competitive major, or junior standing in a major. Some transfer institutions

also require additional upper-division general education courses.

NOTE: Each student is strongly encouraged to work with an academic advisor or counselor to match career and major goals, with an appropriate program, and to select appropriate courses for a major at an intended transfer institution.

Guidelines

- Complete a total of 90 credits of college-level coursework (see notes).
- 2. Complete at least 24 credits at Lane.
- 3. Foundational Skills and Discipline Studies courses must be a minimum of 3 credits, except for Health/Wellness/Fitness

- courses, which may be any number of credits.
- 4. All Elective courses may be any number of credits.
- 5. All courses must be passed with a grade of "C-," "P" or better.
- 6. Maximum 16 credits "P" may be used toward degree. This limit does not include courses only offered P/NP.
- Cumulative GPA must be at least 2.0 at the time when the Associate of Arts Oregon Transfer is awarded.

I. Foundational Skills

Writing

Students taking writing classes of three credits each must take WR 121/WR 121_H, and WR 122/WR 122_H, and either WR 123 or WR 227. Students taking writing classes of four credits each must take WR 121/WR 121_H, and WR 122/WR 122_H, or WR 227. A student must have eight credits of Writing. Meets the Information Literacy requirement.

Oral Communication

One course from the Oral Communication list.

Mathematics

One course in college-level mathematics including MTH 105, MTH 106, MTH 111, MTH 112 or any higher mathematics course.

Health/Wellness/Fitness

One or more courses totaling at least three credits from the Health/Wellness/Fitness list.

II. Discipline Studies

In addition to courses used for Foundational Skills, students must select additional courses in the areas identified below.

Cultural Literacy

One course from any discipline studies courses designated as meeting the statewide criteria for cultural literacy. Courses approved for the Cultural Literacy requirement are marked with an (*) in the lists of courses on the following pages. The credits for such courses only will be counted once toward the 90 credits required to complete the degree.

Arts/Letters

Three courses from two or more disciplines from the Arts and Letters list.

Social Science

Four courses chosen from two or more disciplines from the Social Science list.

Science/Math/Computer Science

Four courses from two or more disciplines including at least three laboratory courses in biological and/or physical science from the Science/Math/Computer Science lists.

Note: Only one of the BI 101s, and one of the BI 102s and one of the BI 103s will meet the Science/Math/Computer Science requirements for any Lane degree. (See the course description for more information).

III. Electives

Any college-level courses that bring total credits to 90 credits including:

- Up to 18 credits of Cooperative Education may be included as electives. See Cooperative Education/Internships in the Course Descriptions.
- Up to 12 credits of Individual Music Lessons (MUP) may be included as electives.
- 12 credits of Physical Education activity may be included within the entire degree (Electives and Health/Wellness Fitness).
- WR 115 may be included in the AAOT degree if completed summer 1999 or later.
- · Up to 12 credits of Career Technical Education. See the list of

Career Technical course prefixes in the Associate of Applied Science Degree section. Career Technical courses fulfilling Health/Wellness/Fitness requirements will not be counted in the 12-credit limit on Career Technical courses. Policies on accepting career technical credits vary at four-year institutions in Oregon. Consult an academic advisor about taking career technical courses as electives.

Notes

- College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100; RD 115; WR 110, 120, and WR 115 (taken before summer 1999, which are considered developmental.
- Foundational Skills are open to demonstration of proficiency. Waiver testing is not the same as placement testing. Students should contact the appropriate academic department for information.
- Second year foreign language courses, but not first year, may be included among courses that count toward the Arts and Letters requirement.
- University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR
 - b) two years of the same high school-level second language with an average grade of C- or above, OR
 - c) satisfactory performance on an approved second language assessment of proficiency.
 - d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 5. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total degree credits.
- Repeatable courses may be used once to meet a Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements.
- 7. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- 8. Courses numbered 199, 280, 298, or 299 count as electives and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental and may later be reviewed and approved for Discipline Studies. Consult an academic advisor or counselor.



Associate of Science Oregon Transfer: Business

The Associate of Science Oregon Transfer in Business (ASOT- Business) degree has business-focused lower division general education requirements accepted by public universities in Oregon, and electives tailored for requirements at each intended transfer institution. Students transferring with this degree will have junior standing for registration purposes.

The ASOT-Business degree does not guarantee admission to Oregon universities, admission to a competitive business major, or junior standing in a major. Course, class standing, or GPA requirements for specific majors, departments, or schools are not necessarily satisfied by an ASOT-Business degree.

Each student is strongly encouraged to work with an academic advisor or counselor to select degree requirement courses that align with requirements at an intended transfer institution. Requirements at institutions vary, and elective choices differ depending on the intended transfer institution. Each student must contact the specific business school/program early in the first year of an ASOT-Business degree to be advised about additional requirements and procedures for admission consideration to the transfer institution and the Business school/program.

Guidelines

- 1. Complete a total of 90 credits college-level coursework (see notes).
- 2. Complete at least 24 credits at Lane.
- 3. Foundational Skills and Discipline Studies courses must be a minimum of 3 credits, except for Health/Wellness/Fitness courses, which may be any number of credits.
- 4. All Elective courses may be any number of credits.
- 5. All courses must be passed with a grade of "C-," "P" or better.
- Maximum 16 credits "P" may be used toward degree. This limit does not include courses only offered P/NP.
- Cumulative Lane GPA must be at least 2.0 when the Associate of Science Oregon Transfer: Business degree is awarded.

Note: Many Business programs have competitive admission. Minimum GPA and grades will not generally be high enough to gain admission to competitive programs.

I. Foundational Skills

Writing

Students taking writing classes of three credits each must take WR 121/WR121_H, and WR 122/WR 122_H, and either WR 123 or WR 227. Students taking writing classes of four credits each must take WR 121/WR121_H, and WR 122/WR 122_H or WR 227. A student must have eight credits of Writing. Meets the Information Literacy requirement.

Oral Communications

One course from the Oral Communications list.

Mathematics

Three courses MTH 105 and above, one of which must be MTH 243.

Computer Applications

One computer applications course: CIS 101, CS 120.

II. Discipline Studies

In addition to courses used for Foundational Skills, students must select additional courses in the areas identified below.

Cultural Literacy

One course from any discipline studies courses designated as meeting the statewide criteria for cultural literacy. Courses approved for the Cultural Literacy requirement are marked with an (*) in the discipline studies lists of courses on the following pages. The credits for such courses only will be counted once toward the 90 credits required to complete the degree.

Arts/Letters

Three courses from two or more disciplines from the Arts and Letters list.

Social Sciences

Four courses from two or more disciplines from the Social Science list, with a minimum of two courses in "principles of economics" (to include microeconomics and macroeconomics) at the 200 level.

Science/Math/Computer Science

Four courses from two or more disciplines including at least three laboratory courses in biological and/or physical science from the Science/Math/Computer Science lists.

Note: Only one of the BI 101s, and one of the BI 102s and one of the BI 103s will meet the Science/Math/Computer Science requirements for any Lane Degree. (See the course description for more information.)

III. Business-Specific Requirements

BA 101 Introduction to Business, 4 credits

BA 211 Fundamentals of Financial Accounting and

BA 213 Decision Making with Accounting Information, 8 credits

BA 226 Business Law 1 (or other advisor-approved Business course from the list below), 4 credits

Check with a business advisor if you intend to substitute one of the courses below for BA 226 Business Law. Some public universities in Oregon require BA 226.

BA 206 Management Fundamentals

BA 223 Marketing

BA 224 Human Resource Management

BA 227 Law of Business Transactions

BA 242 Fundamentals of Investments

BA 249 Retailing

BA 278 Leadership and Team Building

BA 280 Cooperative Education

BA 281 Personal Finance

IV. Electives

Any college-level courses that will bring total credits to 90 credits including:

- Up to 18 credits of Cooperative Education may be included as electives. See Cooperative Education/Internships in the course descriptions.
- Up to 12 credits of Individual Music Lessons (MUP) may be included as electives.
- Up to 12 credits of Physical Education activity may be included within the entire degree (Electives and Health/Wellness Fitness).
- WR 115 may be included in the degree as an elective if completed summer 1999 or later.
- Up to 12 credits of Career Technical Education. See the list of Career Technical course prefixes in the Associate of Applied Science Degree section. Career Technical courses fulfilling Health/Wellness/Fitness requirements will not be counted in the 12-credit limit on Career Technical courses. Policies on accepting Career Technical credits vary at the four-year institutions in Oregon. Consult an academic advisor about taking Career Technical courses as Electives.

V. University-Specific Prerequisites

Consult Lanes' Counseling and Advising department for a list of university-specific prerequisites and recommended coursework. Please note: Prerequisites and recommendations of specific institutions may change without notice.

Notes

- College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100, RD 115, WR 110, 120 and WR 115 (taken before summer 1999), which are considered developmental.
- Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor. Waiver testing is not the same as placement testing.
- Second year foreign language courses, but not first year, may be included among courses that count toward the Arts and Letters requirement. American Sign Language (ASL) is considered a foreign language.
- 4. University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR

- b) two years of the same high school-level second language with an average grade of C- or above, OR
- c) satisfactory performance on an approved second language assessment of proficiency.
- d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 5. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total degree credits.
- Repeatable courses may be used once to meet a Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements.
- 7. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- Courses numbered 199, 280, 298, or 299 count as electives, and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental, and may later be reviewed and approved for Discipline Studies. Consult an academic advisor or counselor.

Associate of Science Oregon Transfer: Computer Science

The Associate of Science Oregon Transfer in Computer Science (ASOT-CS) degree has computer science-focused lower division general education requirements accepted by public universities in Oregon, and electives tailored for requirements at each intended transfer institution. Students transferring with this degree will have junior standing for registration purposes only.

The ASOT-CS degree does not guarantee admission to Oregon universities, admission to a competitive computer science major, or junior standing in a major. Course, class standing, or GPA requirements for specific majors, departments, or schools are not necessarily satisfied by an ASOT-CS degree.

Each student is strongly encouraged to work with an academic advisor or counselor to select degree requirement courses that align with requirements at an intended transfer institution. Requirements at institutions vary, and elective choices differ depending on the intended transfer institution. Each student must contact the specific computer science school/program early in the first year of an ASOT-CS degree to be advised about additional requirements and procedures for admission consideration to the transfer institution and the school/program.

Guidelines

- Complete a total of 90 credits of college-level coursework (see notes).
- 2. Complete at least 24 credits at Lane.
- 3. Foundational Skills and Discipline Studies courses must be a minimum of 3 credits, except for Health/Wellness/Fitness courses, which may be any number of credits.
- 4. All Elective courses may be any number of credits.
- 5. All courses must be passed with a grade of "C-", "P" or better except for the following courses, which must be taken for a letter grade and passed with a grade of "C" or better. P/NP will not be accepted.
 - CS 160: Introduction to Computer Science
 - CS 161: Computer Science 1
 - CS 162: Computer Science 2
 - CS 260: Data Structures
- 6. Maximum 16 credits of "P" may be used toward this degree. This limit does not include courses only offered P/NP.
- 7. Cumulative Lane GPA must be at least 2.0 when the Associate of Science Oregon Transfer: Computer Science degree is awarded.

NOTE: Many CS programs have competitive admission. Minimum GPA and grades will not generally be high enough to gain admission to competitive programs.

I. Foundational Skills

Writing

Students taking writing classes of three credits each must take WR 121/WR 121_H, and WR 122/WR 122_H, and either WR 123 or WR 227. Students taking writing classes of four credits each must take WR 121/WR 121_H, and WR 122/WR 122_H or WR 227. A student must have eight credits of Writing. Meets the Information Literacy requirement.

Note: WR 227 will meet additional requirements at some CS baccalaureate programs.

Oral Communication

One course from the Oral Communications list.

Mathematics

Two courses: MTH 251 Differential Calculus and MTH 252 Integral Calculus.

Health/Wellness/Fitness

One or more courses totaling at least three credits from the Health/Wellness/Fitness list.

II. Discipline Studies

Cultural Literacy

Courses approved for the Cultural Literacy requirement are marked with (*) in the discipline studies lists of courses on the following pages. The credits for such courses only will be counted once toward the 90 credits required to complete the degree.

Arts and Letters

Three courses from two or more disciplines from the Arts and Letters list.

Social Sciences

Four courses from two or more disciplines from the Social Science list.

Science/Math/Computer Science

Four courses from two or more disciplines including at least three laboratory courses in biological and/or physical science from the Science/Math/Computer Science lists.

Note 1: Only one of the BI 101s, and one of the BI 102s, and one of the BI 103s will meet the Science/Math/Computer Science requirements for any Lane Degree. (See the course description for more information.

Note 2: See academic advising team for your intended major at transfer institution. Some programs require physics.

Computer Science Specific Requirements

A minimum of sixteen credits in Computer Science consisting of the following courses:

All of the following courses must be taken for a letter grade and passed with a grade of "C" or better. P/NP will not be accepted.

- CS 160: Introduction to Computer Science
- CS 161: Computer Science 1
- CS 162: Computer Science 2
- · CS 260: Data Structures

Note: Transfer institutions may have competitive admissions requirements requiring a higher grade in the above courses.

Electives

Any college-level courses that bring total credits to 90 credits including:

- Up to 18 credits of Cooperative Education may be included as electives. See Cooperative Education/Internships in the course
- Up to 12 credits of Individual Music Lessons (MUP) may be included as electives.
- Up to 12 credits of Physical Education activity may be included within the entire degree (Electives and Health/Wellness/
- WR 115 may be included in the degree as an elective if completed summer 1999 or later.
- Up to 12 credits of Career Technical Education. See the list of Career Technical course prefixes in the Associate of Applied Science Degree section. Career Technical courses fulfilling Health/Wellness/Fitness requirements will not be counted in the 12-credit limit on Career Technical courses. Policies on accepting Career Technical credits vary at the four-year institutions in Oregon. Consult an academic advisor about taking Career Technical courses as Electives.

V. University-Specific Prerequisites

Consult Lane's Counseling and Advising department for list of university-specific prerequisites and recommended coursework. Please note: Prerequisites and recommendations of specific institutions may change without notice. Please carefully plan this in consultation with university specific CS program requirements. A current guide for university specific, lower division CS requirements is maintained at occcwiki.org or consult with an advisor from the target university program.

Notes

- 1. College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100, RD 115, WR 110, 120 and WR 115 (taken before summer 1999), which are considered developmental.
- 2. Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor. Waiver testing is not the same as placement testing.
- 3. Second year foreign language courses, but not first year, may be included among courses that count toward the Arts and Letters requirement. American Sign Language (ASL) is considered a foreign language.
- University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR
 - b) two years of the same high school-level second language with an average grade of C- or above, OR
 - c) satisfactory performance on an approved second language assessment of proficiency.
 - d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 5. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total degree credits.
- 6. Repeatable courses may be used once to meet a Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements.
- 7. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- 8. Courses numbered 199, 280, 298, or 299 count as electives, and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental and may later be reviewed and approved for Discipline Studies. Consult an academic advisor or counselor.
- 9. Students and academic advisors should recognize that although the ASOT-CS provides and excellent structure for many students intending on pursuing a computer science four year degree, it is not ideal for everyone. Students should consult closely with a computer science advisor at both their community college and the four year transfer institution.

Approved Courses for Oregon Transfer Degrees and Oregon Transfer Module

Only the following courses meet the AAOT, ASOT-Business, and ASOT-Computer Science Discipline Studies degree requirements.

The following courses also meet Oregon Transfer Module Discipline Studies degree requirements.

Note: Courses marked with (*) are approved for the Cultural Literacy requirement.

Arts and Letters

ARH 200 Graphic Design History **ARH 202** Survey of Western Art

ARH 203* Survey of American Indian Art and Architecture:

North and Central America

ARH 203_H Survey of American Indian Art and Architecture:

North and Central America-Honors

ARH 204, 205, 206 History of Western Art

ARH 207*, 208*, 209*History of Asian Art: India, China, Japan

ARH 211 Early Modern Art: 1850-1910 **ARH 212** Twentieth Century Art Arts of the United States

ARH 214 ARH 217* **ARH 218**

ART 115

ART 116

ART 117

ART 118

ART 120

ART 131

ART 115GD

ART 115_H

ARH 219 ARH 220 ART 111

Islamic Art and Architecture History of Photography 1700-1910

History of Photography 1910-1950 History of Contemporary Photography

Introduction to Visual Arts Basic Design: Fundamentals Graphic Design

Basic Design Fundamentals-Honors Basic Design: Color

Basic Design: 3-Dimensional

Artist's Books

Intermediate Artists Books and Pop Up

Introduction to Drawing: 3D

ART 134 Field Drawing

ART 220 Documentary Photography Prography Residence of the company				
ART 234 Drawing: Figure Illustration 1 ART 247 Soulpure: Sits Specific Surplure: Sites Specific ART 251 Caramics: Wheel Throwing ART 251 Caramics: Wheel Throwing ART 251 Caramics: Caram	ART 220	Documentary Photography	FR 201,202,203	Second Year French
ART 237 ART 248 Sculpture: Sites Specific ART 248 Sculpture: Sites Specific ART 249 Sculpture: Sites Specific ART 249 Sculpture: Sites Specific ART 240 Caramics: Hand Building Caramics: Hand Building ART 253 Caramics: Hand Building ART 253 ART 261, 262 ART 264 Photography as Method Photography as Method Printmaking, Interglio ART 271 ART 271 Printmaking, Relief ART 271 ART 271 Printmaking, Montopyels Collograph ART 272 ART 274 Printmaking, Interglio ART 273 ART 274 Printmaking, Intermediate ART 276 Sculpture: Horduction ART 277 ART 276 Sculpture: Horduction ART 277 ART 276 Sculpture: Horduction ART 277 ART 277 ART 278 ART 278 ART 279 ART 279 ART 279 ART 279 ART 279 ART 270 Sculpture: Methoding: Wood ART 281 Sculpture: Methoding: Wood And 282 COMM 101 Listening and Critical Thinking COMM 102 Listening and Critical Thinking COMM 103 Listening and Critical Thinking Desire and Articulation Rel. 201 And 202 Voice and Articulation Business and Professional Speech Business and Gorder AND 102 And 103 And 104 And 105 And 107 And	ART 231,232	Drawing: Intermediate; Perspective	FR 288*	Study Abroad: French Language and Culture in
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GEOG 142" Introduction to numan deography	FA 265*	African American Film Images		
			GEOG 142	introduction to riuman deography

GEOG 201*	World Regional Geography	Science, Mathema	atics, and Computer Science
GIS/GEOG 151	Digital Earth	Piological Science	es with laboratories
GIS 245 GIS 246	GIS 1 GIS 2	_	e BI 101s, and one of the BI 102s, and one of the
HE 255*	Global Health and Sustainability		Science/Math/Computer Science requirements
HST 101,102,103	History of Western Civilization		Any additional BI 101, 102, or 103 course credits
HST 104*,105*,106*			es for a Lane degree. (See the course description
HST 155	History of Islam		g for more information.)
HST 195* HST 201,202,203	History of the Vietnam War History of the United States	BI 101,102,103	General Biology (See note below)
HST 207,202,203	History of the American West		BI 102J* Ethnobotany and BI 103G* General Biology: Global Ecology also will satisfy the Cultural
HST 208	U.S. History Since 1945		Literacy requirement.
HST 209	American History: The Civil War	BI 101_H, 102_H	General Biology-Honors
HST 266*	U.S. Women's History	BI 112	Cell Biology for Health Occupations
HUM 100 PHL 201	Humanities through the Arts Ethics	BI 211	Principles of Biology (formerly BI 201,
PHL 201_H	Ethics-Honors	BI 212	BOT 201 or Z 201) Principles of Biology (formerly BOT 202
PHL 202	Theories of Knowledge		or Z 202)
PHL 203	Theories of Reality	BI 231,232,233	Human Anatomy and Physiology 1,2,3
PHL 205*	Contemporary Moral Issues	BI 234	Introductory Microbiology
PHL 205_H*	Contemporary Moral Issues-Honors Critical Thinking	BOT 213 Z 213	Principles of Botany (formerly BOT 203) Principles of Zoology (formerly Z 203)
PHL 221 PHL 221_H	Critical Thinking Critical Thinking-Honors	2213	Finiciples of Zoology (formerly Z 203)
PS 201,202	U.S. Government and Politics	Physical Sciences	with laboratories
PS 203	State and Local Government and Politics	ASTR 107	Astronomy +L
PS 204	Introduction to Comparative Politics	ASTR 121	Astronomy of the Solar System +L
PS 205*	International Relations	ASTR 122 ASTR 123	Stellar Astronomy +L Cosmology and the Universe +L
PS 208 PS 211	Introduction to Political Theory Peace and Conflict Studies: Global	CH 104	Introductory Chemistry 1
PS 212	Peace and Conflict Studies: National	CH 106	Introductory Chemistry 3
PS 213	Peace and Conflict Studies: Local	CH 114	Introduction to Forensics
PS 225	Political Ideology	CH 221,222,223	General Chemistry 1,2,3
PS 275	Legal Processes Through Civil Rights	CH 241,242,243 CJA 214	Organic Chemistry
PS 297	and Liberties Environmental Politics	ENSC 181	Introduction to Forensic Science Terrestrial Environment
PS 297_H	Environmental Politics-Honors	ENSC 182	Atmospheric Environment and Population
PSY 201,202,203	General Psychology	ENSC 183	Aquatic Environment
PSY 214	Introduction to Personality	ENSC 184	Global Climate Change
PSY 215	Lifespan Developmental Psychology	G 101	Earth's Dynamic Interior
PSY 216	Social Psychology	G 102 G 103	Earth's Dynamic Surface Evolving Earth
PSY 218* PSY 235,236	Multicultural Psychology Human Development 1,2	G 146	Rocks and Minerals
PSY 239	Introduction to Abnormal Psychology	G 147	National Parks
REL 160*	World Religions	G 148	Geologic Hazards
REL 201*	Religions of India (Hinduism, Buddhism)	G 201	Earth Materials and Plate Tectonics
REL 202*	Religions of China and Japan (Taoism, Confucianism, Buddhism, and Shinto)	G 202 G 203	Earth's Surface Systems Evolution of the Earth
REL 203*	Religions of the Middle East (Judaism,	GIS/GEOG 151	Digital Earth
1122 200	Christianity, and Islam)	GIS 245	GIS 1
REL 230	Christian Beginnings	GIS 246	GIS 2
REL 231*	Buddhist Meditation Traditions	GIS 249	Raster Analysis and Remote Sensing
REL 243 SLD 103*	Nature, Religion, and Ecology Post-Racial America: Challenges and	GIS 260 GS 101	Applications in GIS General Science Nature of the Northwest
OLD 103	Opportunities	GS 104,105,106	Physical Science
SLD 112	Chicano/Latino Leadership 2: Cultural Heroes	GS 142	Earth Science: Earth Revealed +L
SLD 113	Chicano/Latino Leadership 3: Affirmation and	GS 147	Oceanography +L
SLD 121*	Resistance	PH 101,102,103 PH 190	Fundamentals of Physics
SLD IZI"	African American Leadership: History, Philosophy and Practice	PH 201,202,203	Physics Investigative Lab +L General Physics
SOC 108A*	Selected Topics: Women's Studies:	PH 211,212,213	General Physics with Calculus
	Women's Bodies, Women's Selves	WST 230	Watersheds and Hydrology
SOC 204	Introduction to Sociology		r four credits to include lab, exception is
SOC 205	Social Stratification and Social Systems Institutions and Social Change	PH 190 which is a sc	ience lab with three credits
SOC 206 SOC 207*	Women and Work	Other Science/Ma	th/Computer Science Courses (including
SOC 207	Sport and Society		ological and physical sciences)
SOC 210	Marriage, Family and Intimate Relations	ANTH 101	Physical Anthropology
SOC 211	Social Deviance	ASTR 107	Astronomy
SOC 213*	Race and Ethnicity	CH 112	Chemistry for Health Occupations
SOC 215* SOC 216*	Social Class Global Social Movements	CJA 214 CS 160	Intro to Forensic Science Orientation to Computer Science
SOC 218*	Sociology of Gender	CS 161 C+, 162 C+	Computer Science 1,2
SOC 225	Social Problems	CS 233 N	Intermediate Programming: C#
SOC 228	Introduction to Environmental Sociology	CS 233 P	Intermediate Programming: Python
WS 101*	Introduction to Women's Studies	CS 260	Data Structures 1

CS 271	Computer Architecture and Assembly Language
GEOG 141	Natural Environment
GS 142	Earth Science: Earth Revealed
GS 147	Oceanography
MTH 105	Introduction to Contemporary Mathematics
MTH 111	College Algebra
MTH 112	Trigonometry
MTH 211,212,213	Fundamentals of Elementary Math 1,2,3
MTH 231,232,233	Discrete Mathematics 1,2,3
MTH 241,242	Elementary Calculus 1,2
MTH 243	Introduction to Probability and Statistics
MTH 251	Calculus 1 (Differential Calculus)
MTH 252	Calculus 2 (Integral Calculus)
MTH 253	Calculus 3 (Infinite Series and Sequences)
MTH 254	Vector Calculus 1 (Introduction to Vectors and
	Multi dimensions)
MTH 255	Vector Calculus 2 (Introduction to Vector Analysis)
MTH 256	Applied Differential Equations
MTH 261	Introduction to Linear Algebra
Oral Communicati	
COMM 100	Basic Communication

COMM 100	Basic Communication
COMM 111	Fundamentals of Public Speaking
COMM 112	Persuasive Speech
COMM 130	Business and Professional Speech
COMM 218	Interpersonal Communication
COMM 219	Group Discussion

Health/Wellness/Fitness

EXMS 214+

+Note: Career Technical courses fulfilling Health/Wellness/Fitness requirements will not be counted in the 12-credit limit on CT courses.

Physiology of Exercise and Healthy Aging

EXIMO ETTI	Thyolology of Exorolog and Houlding Aging
FN 225+	Nutrition
HE 125	Workplace Health and Safety (summer 1997 or later)
HE 152	Drugs, Society and Behavior
HE 209	Human Sexuality
HE 222	Exploiting Health Consumers
HE 240	Holistic Heath
HE 250	Personal Health
HE 252	First Aid (summer 1997 or later)
HE 255	Global Health and Sustainability
HE 262	First Aid 2: Beyond the Basics
HE 275	Lifetime Health and Fitness
HE 290	Comprehensive Approaches to Weight
	Management
HI 101+	Introduction to Health Care and Public Health in the U.S.

Or a combination of 3 credits of PE and/or D Activity classes – The same Dance (D) courses listed under both Health/Wellness requirement and Arts and Letters category can only be used to fulfill one of these degree requirements.

D 152	Dance Basics
D 153	Pilates Work
D 160	Dance Composition
D 161	Chiral Ctronath Ctr

D 161 Spiral Strength, Stretch & Tone: Gyro

D 169	Musical Theatre
D 171	Contact Improvisation
D 172	Dancing the Fluid Body
D 173	African Dance
D 175	Tap Dance Beginning
D 176	Fluid Yoga

D 177, D 178, D 179 Modern Dance 1, 2 and 3
D 183 Body-mind Stretch and Relaxation
D 184, D 194 Hip Hop 1, 2

D 184, D 194 Hip Hop 1, 2
D185, D186, D187 Ballet 1, 2, and 3
D 188, D189 Jazz Dance 1, 2
D 196 Balinese Dance
D 251 Looking at Dance

D 256 Body Fundamentals/Body as Knowledge D 257 Dance Improvisation

D 260 Group Choreography PE 181C Combination Aerobics PE 181D **Dance Aerobics** PE 181K Kickboxing Aerobics PE 181S Step Aerobics PE 181SB **Body Sculpt** PE 181SS Step and Sculpt Yogilates PF 181Y PE 181Z Zumba Fitness PE 183A Conditioning

PE 183B Exercise and Weight Control
PE 183C Exercise Walking

PE 183C Exercise Walking
PE 183CG Group Cycling
PE 183E Fitness Circuits

PE 183F Fitness Education: Introduction PE 183G Fitness Education: Returning

PE 183J Jogging

PE 183R Stability Ball Fitness PE 183S Strength Training

PE 183U Strength Training for Women
PE 183W Progressive Integrative Exercise
PE 184N Conditioning for Martial Arts

Yoga Beginning

PE 185M Meditation PE 185T Tai Chi Chuan

PE 185U Tai Chi Chuan Intermediate

PE 185YG Gentle Yoga PE 185Z Yoga Intermediate PE 191A Cross Country Conditioning 1 PE 191C Cross Country Conditioning 2 PE 192I Soccer Conditioning 1 PE 192J Soccer Conditioning 2 PE 193A Basketball Conditioning 1 PE 193C Basketball Conditioning 2

PE 195A Basketball Women's Conditioning 1
PE 195C Basketball Women's Conditioning 2
PE 196A Track & Field Conditioning 1
PE 196D Track & Field Conditioning 2

PE 196D Frack & Field Conditioning 1
PE 197A Baseball Conditioning 1
PE 197C Baseball Conditioning 2

Associate of Science Degree

For students intending to transfer, the Associate of Science (AS) degree may best match general education requirements of some four-year colleges or universities. Requirements of the AS include a rigorous general education program balanced with electives.

A student selecting this transfer option still must meet the receiving university's admission requirements, including course standing, grade point average and foreign language. The AS is NOT a block transfer degree. It does not guarantee that a student will have met the lower division general education requirements for baccalaureate degree programs.

Each student is strongly encouraged to work with an academic advisor to match career goals with an appropriate major and to select appropriate courses at an intended transfer institution.

Guidelines

PE 185Y

- Complete a total of 90 credits of college-level coursework (see notes).
- 2. Complete at least 24 credits at Lane.
- Foundational Skills and Discipline Studies courses must be a minimum of 3 credits, except for Health/PE courses, which may be any number of credits.
- 4. All Elective courses may be any number of credits.

- 5. Pass all Foundational Skills courses with a grade of "C-" or "P" or better. Pass all Discipline Studies and Elective courses with a grade of "D-" or "P" or better.
- Maximum 16 credits "P" may be used toward degree. This limit does not include courses only offered P/NP.
- 7. Cumulative GPA must be at least 2.0 when the Associate of Science degree is awarded.

I. Foundational Skills

Writing

Two courses (minimum 3 credits each): WR 115 (summer 1999 or after), WR 121/WR 121_H, WR 122/WR 122_H, WR 123, WR 227

Mathematics

One course (minimum 4 credits): MTH 105 or higher

Health/Wellness/Fitness

Physical Education

Three credits: one course required from the AAOT list of activity classes under Health/Wellness/Fitness, plus two additional credits from PE 181-298. One credit from PE 186W accepted to meet this requirement.

Health Education

One course from this list: EXMS 214, FN 225, HE 152, 209, 222, 240, 250, 255, 262, 275 or 290; or HE 125, 252 (summer 1997 or later), HI 101

II. Discipline Studies

In addition to courses used for Foundational Skills, students must select additional courses in the areas identified below.

Arts and Letters

Three courses from the following: Art, Art History, Communication, Dance, Effective Learning, Film Arts, Languages (CW, FR, SPAN, ASL, and other Transfer Languages), Humanities, Journalism, Literature, Music, Philosophy, Religion, Theater Arts, Writing, CW 201-203, ES 244

Social Science

Three courses from the following: Anthropology, Career Guidance, Economics, Ethnic Studies, Geographic Information Science, Geography, History, Human Development, Human Services, Philosophy, Political Science, Psychology, Religion, Sociology, Women's Studies.

Science/Math/Computer Science

Nine courses from the following: Astronomy, Biology, Botany, Chemistry, Computer Science (CS prefix courses only, not ClS), Engineering, Geographic Information Science (GIS), Geology (G or ENSC), Mathematics (MTH 105 and higher), Physical Science (GS prefix), Physics, Zoology; ANTH 101, CJA 214, DA 110, DRF 205, DRF 207, ET 129, ET 130, ET 131, ET 145, ET 146, ET 151, ET 152, FT 113, GEOG 141, HO 150, HO 152, PSY 217, WST 230.

NOTE: Only one of the BI 101s, and one of the BI 102s and one of the BI 103s will meet the Science/Math/Computer Science requirements for any Lane Degree. (See the course description for more information).

III. Electives

Any college-level courses that bring total credits to 90 credits, including:

- Up to 18 credits of Cooperative Education may be included as electives. See Cooperative Education/Internships in the Course Descriptions.
- Up to 12 credits of Individual Music Lessons (MUP) may be included as electives.
- Up to 12 credits of Physical Education activity may be included within the entire degree (Electives and Health/Wellness Fitness).
- Up to 12 credits of Career Technical Education. See the list of Career Technical course prefixes in the Associate of Applied Science Degree section. Career Technical courses fulfilling Health/Wellness/Fitness requirements will not be counted in the 12-credit limit on Career Technical courses. Policies on accepting Career Technical credits vary at the four-year institutions in Oregon. Consult an academic advisor about taking Career Technical courses as Electives.

Notes

- College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100, RD 115, WR 110, 120 and WR 115 (taken before summer 1999), which are considered developmental.
- Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor. Waiver testing is not the same as placement testing.
- University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR
 - b) two years of the same high school-level second language with an average grade of C- or above, OR
 - satisfactory performance on an approved second language assessment of proficiency.
 - d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 4. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total degree credits.
- Repeatable courses may be used once to meet a Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements.
- 6. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- 7. Courses numbered 199, 280, 298, or 299 count as electives, and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental, and may later be reviewed and approved for Discipline Studies. Consult an academic advisor or counselor.

Associate of Science: University of Oregon

For students intending to transfer, the following Associate of Science (AS) degree may best match general education requirements for the University of Oregon (UO). Requirements of the AS degree include a rigorous general education program balanced with electives.

The AS-UO is NOT a block transfer degree. It does not guarantee that a student will have met the lower division general education requirements for baccalaureate degree programs. For some students planning to transfer to the UO, the AS-UO may be a better option than the AAOT.

Each student is strongly encouraged to work with an academic advisor to match career goals with an appropriate major and to select appropriate courses for transfer to the UO.

Guidelines

- Complete a total of 90 credits of college-level coursework (see notes).
- 2. Complete at least 24 credits at Lane.
- 3. Foundational Skills and Discipline Studies courses must be a minimum of 3 credits.

- 4. All Elective courses may be any number of credits.
- 5. Pass all Foundational Skills courses with a grade of "C-" or "P" or better. Pass all Discipline Studies and Elective courses with a grade of "D-" or "P" or better.
- 6. Maximum 16 credits "P" may be used toward degree. This limit does not include courses only offered P/NP.
- 7. Cumulative GPA must be at least 2.0 when the Associate of Science: University of Oregon degree is awarded.

I. Foundational Skills

Two courses (minimum 3 credits each): WR 121/WR 121 H and either WR 122/WR 122 H or WR 123

Mathematics

One course (minimum of 4 credits): MTH 105 or higher

II. Discipline Studies

In addition to courses used for Foundational Skills, students must select additional courses in the areas identified below.

Each Discipline Studies area must include:

- 1. At least two courses from one subject area and at least two different subject areas
- 2. No more than three courses from the same subject area.

Arts/Letters

15 credits from the Arts and Letters: AS-UO list

Social Science

15 credits from the Social Science: AS-UO list

Science/Math/Computer Science

15 credits from the Science/Math/Computer Science: AS-UO list

NOTE: Only one of the BI 101s, and one of the BI 102s and one of the BI 103s will meet the Science/Math/Computer Science requirements for any Lane Degree. (See the course description for more information).

III. Electives

Any college-level courses that bring total credits to 90 credits. No more than 24 total credits of electives may be used from the following areas, with no more than 12 credits in any one area:

- 1. Career Technical courses. See the list of Career Technical course prefixes in the Associate of Applied Science section.
- 2. PE and dance activity courses (Dance majors see Academic Advising team for limitations in major requirements)
- 3. Studio instruction in music MUP (Music majors see Academic Advising team for limitations in major requirements)
- 4. Cooperative Education and supervised field experience
- 5. WR 115 may be included in the degree as an elective if completed summer 1999 or later.

- 1. College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100, RD 115, WR 110, 120 and WR 115 (taken before summer 1999), which are considered developmental.
- 2. Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor. Waiver testing is not the same as placement testing.
- 3. University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR

- b) two years of the same high school-level second language with an average grade of C- or above, OR
- c) satisfactory performance on an approved second language assessment of proficiency.
- d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 4. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total credits.
- 5. Repeatable courses may be used once to meet Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements. See limitations under Electives for maximum credits allowed for subject categories.
- 6. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- 7. Courses numbered 199, 280, 298, or 299 count as electives, and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental and may later be reviewed and approved for Discipline Studies. Consult an academic advisor or counselor.
- 8. The UO only allows one course in a student's major subject to count in a Discipline area. Example: Biology majors can only count one Biology course in the Science/Math/CS area at the UO.
- 9. A student selecting this transfer option still must meet the UO admission requirements, including course standing, grade point average and foreign language.

Note: UO requires a minimum 2.25 GPA in all transfer credits for Oregon Residents (2.5 for nonresidents) for admission purposes.

Group I: ARTS AND LETTERS: AS-UO

- Courses used to fulfill the Arts and Letters group requirements cannot also be used to meet the foreign language requirements for the B.A. degree
- **Transfer as ENG courses

American Indian Language

CW 201, 202, 203* Chinuk Wawa

Art History ARH 111

ARH 113	History of Photography 1
ARH 200	Graphic Design History
ARH 202	Survey of Western Art
ARH 203	Surv American Indian Art & Arch
ARH 203_H	Surv American Indian Art & Arch-Honors
ARH 204, 205, 206	History of Western Art
ARH 207	Arts of India
ARH 208	Arts of China
ARH 209	Arts of Japan
ARH 211, 212	Survey of Visual Arts: Modern Art
ARH 213	History of Photography 2

Intro to Visual Arts

ARH 214 Arts of the United States

ARH 217 Islamic Art

ARH 265 Studies in Contemporary Photography

Basic Communication

Communication

COMM 100

	240.0 00
COMM 111	Public Speaking
COMM 115	Intro Intercultural Communication
COMM 218	Interpersonal Communication
COMM 220	Communication, Gender & Culture

Dance

D 251 Looking at Dance

English

ENG 100 Children's Literature ENG 104, 105, 106 Introduction to Literature **ENG 107** Survey of World Literature Survey of World Literature **ENG 109**

Economics ECON 200

ECON 204

ECON 250

ECON 260

ECON 201, 202

Introduction to Economics

Intro to Micro/Macroeconomics

Intro to International Economics

Intro. Environ. & Nat. Resources

Class, Race, Gender US Econ

ENG 121	Detective Fiction	Ethnic Studies	
ENG 151	Black American Literature	ES 101, 102	Hist/Contemp Racial/Ethnic Issues
ENG 194	Literature of Comedy	ES 211, 212, 213	Chicano/Latino Experience
ENG 195, 196, 197	International Film Histories	ES 221, 222, 223	African American Experience
ENG 201, 203	Shakespeare	ES 231, 232, 233	Asian American Experience
ENG 204, 205	Survey of Asian Literature	ES 241, 242, 243	Native American Experience
ENG 213 ENG 215	Survey of Asian Literature Latino/a Literature	ES 244 ES 250	Native American Story Telling Class/Race/Gender in US Econ
ENG 215	Literature and Gender	E3 200	Class/Nace/Gender III OS Econ
ENG 232	Native American Literature	Geography / Geog	raphic Information Systems (GIS)
ENG 240	Nature Literature	GEOG 142	Intro to Human Geography
ENG 243	Native American Autobiography	GEOG 201	World Regional Geography
ENG 244	Asian American Literature	GEOG 216	Geography of Pacific Asia
ENG 250	Intro. to Folklore & Mythology	GIS 151	Digital Earth
ENG 253, 254	Survey of American Literature	Lliatom.	
ENG 257	American Working Class Lit./Film	History HST 101, 102, 103	History of Western Civilization
ENG 260	Intro. to Women Writers	HST 104, 105, 106	World History
ENG 261	Science Fiction	HST 155	History of Islam
ENG 270	Bob Dylan: American Poet	HST 195	History of the Vietnam War
ENG 271, 272, 273	Film: Horror/Comedy/Film Noir	HST 201, 202, 203	History of the United States
Film Arts		HST 207	History of the American West
FA 255**	Underst Movies: American Cinema	HST 208	US History Since 1945
FA 263**	Film in the Fifties	HST 209	American History: The Civil War
FA 264**	Women Make Movies	HST 266	US Women's History
171201	Woman Wake Wevies		
French		Political Science	D 11 : 110 D 155 / FT 4
FR 201, 202, 203*	Second Year French	PS 104	Problems in US Politics / Film 1
		PS 105 PS 201, 202	Problems in US Politics / Film 2 American Gov & Politics
Humanities HUM 100	Humanities Through the Arts	PS 201, 202	State and Local Government
110101 100	Tramamiles Through the Arts	PS 204	Intro to Comparative Politics
Music		PS 205	International Relations
MUS 101	Music Fundamentals	PS 208	Intro to Political Theory
MUS 102	Jazz Fundamentals	PS 211, 212, 213	Peace/Conflict: Global/National/Local
MUS 201, 202, 203	Intro to Music and Its Literature	PS 225	Political Ideology
MUS 205	Intro to Jazz History	PS 275	Legal Processes
MUS 261, 262, 263	Music History		
DI I		Psychology	
Philosophy PHL 201	Ethics	PSY 202	General Psychology
PHL 202	Theories of Knowledge	PSY 203 PSY 214	General Psychology Intro to Personality
PHL 203	Theories of Reality	PSY 214	Lifespan Develop Psychology
PHL 205	Contemporary Moral Issues	PSY 216	Social Psychology
PHL 205_H	Contemporary Moral Issues-Honors	PSY 218	Multicultural Psychology
PHL 221	Critical Thinking	PSY 231	Human Sexual Behavior
PHL 221_H	Critical Thinking-Honors	PSY 235	Human Development I
		PSY 239	Intro to Abnormal Psychology
	(also listed under Social Science)		
REL 160	World Religions	Religious Studies	5
REL 203	Religions of Middle East	REL 201	Religions of India
REL 211 REL 231	Intro to the Bible Buddhist Meditation Traditions	REL 230	Christian Beginnings
NEL 231	Buddinst Meditation Traditions	REL 243	Nature, Religion & Ecology
Spanish		Sociology	
	Second Year Spanish	SOC 108A	Select Topics; Women's Studies/Bodies/Selves
		SOC 204	Introduction to Sociology
Group II: SOCIA	L SCIENCE: AS-UO	SOC 205	Social Stratification and Social Systems
		SOC 206	Institutions & Social Change
Anthropology		SOC 207	Women and Work
ANTH 102	14/ 114 1 1		Chart and Casisty
A NITI I 400 11	World Archaeology	SOC 208	Sport and Society
ANTH 102_H	World Archaeology-Honors	SOC 210	Marriage, Family & Intimate Relations
ANTH 103	World Archaeology-Honors Cultural Anthropology	SOC 210 SOC 211	Marriage, Family & Intimate Relations Social Deviance
ANTH 103 ANTH 227	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico	SOC 210 SOC 211 SOC 213	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity
ANTH 103 ANTH 227 ANTH 228	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico Cultures of Mexico	SOC 210 SOC 211 SOC 213 SOC 215	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity Social Class
ANTH 103 ANTH 227 ANTH 228 ANTH 229	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico Cultures of Mexico Chicano Culture	SOC 210 SOC 211 SOC 213 SOC 215 SOC 216	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity Social Class Global Social Movements
ANTH 103 ANTH 227 ANTH 228	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico Cultures of Mexico Chicano Culture	SOC 210 SOC 211 SOC 213 SOC 215 SOC 216 SOC 218	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity Social Class Global Social Movements Sociology of Gender
ANTH 103 ANTH 227 ANTH 228 ANTH 229	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico Cultures of Mexico Chicano Culture	SOC 210 SOC 211 SOC 213 SOC 215 SOC 216	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity Social Class Global Social Movements
ANTH 103 ANTH 227 ANTH 228 ANTH 229 ANTH 231, 232, 233	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico Cultures of Mexico Chicano Culture	SOC 210 SOC 211 SOC 213 SOC 215 SOC 216 SOC 218	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity Social Class Global Social Movements Sociology of Gender
ANTH 103 ANTH 227 ANTH 228 ANTH 229 ANTH 231, 232, 233 Business	World Archaeology-Honors Cultural Anthropology Prehistory of Mexico Cultures of Mexico Chicano Culture American Indian Studies	SOC 210 SOC 211 SOC 213 SOC 215 SOC 216 SOC 218 SOC 225	Marriage, Family & Intimate Relations Social Deviance Race & Ethnicity Social Class Global Social Movements Sociology of Gender

GROUP III: SCIENCE/MATH/COMPUTER SCIENCE: AS-UO

* Students may receive credit for only one Calculus 1 class and one Calculus 2 class.

** Courses used to fulfill the Science group requirement cannot also be used to meet mathematics or computer and information science requirements for the B.S. degree.

Anth	rop	olo	av

ANTH 101 Physical Anthropology

Astronomy

ASTR 107 Astronomy

ASTR 121 Astronomy of Solar System

ASTR 122 Stellar Astronomy

ASTR 123 Cosmology and the Universe

Biology

BI 101 E to K
BI 101_H
General Biology
BI 102_B to J
General Biology
General Biology
General Biology
General Biology-Honors

BI 103 A to M General Biology

BI 112 Cell Biology for Health Occupations

BI 211, 212 Principles of Biology 1, 2

BI 231, 232, 233 Human Anatomy & Physiology 1, 2, 3

BI 234 Introductory Microbiology BOT 213 Principles of Botany Z 213 Principles of Zoology

Chemistry

CH 104 Introduction to General Chemistry
CH 106 Intro to Organic and Biological Chemistry
CH 112 Chemistry for Health Occupations
CH 114 Introduction to Forensic Chemistry
CH 231 232 233 Constal Chemistry 1, 2, 3

CH 221, 222, 223 General Chemistry 1, 2, 3 CH 241, 242, 243 Organic Chemistry 1, 2, 3

Computer and Information Science**

CS 160 Orientation to Programming CS 161C+, 162C+ Computer Science 1, 2

CS 234G Advance C++ Game Programming CS 234N Advanced Programming: C#

CS 260 Data Structures 1

Environmental Science

ENSC 181, 182, 183 Environ: Terrestrial/Atmosphere/Aquatic

ENSC 184 Global Climate Change

Geography

GEOG 141 Natural Environment

Geology

G 101, 102, 103 Geology: Earth Interior/Surface/Evolving

G 146 Rocks and Minerals G 147 National Parks Geology G 148 Geologic Hazards

G 201, 202, 203 Geology: Earth Mat./Surface/Evolution

General Sciences

GS 101 General Science: Nature of the NW

GS 104, 105, 106 Physical Science GS 109 Meteorology

GS 142 Earth Science: Earth Revealed

GS 147 Oceanography

Health Occupations

HO 150 Human Body Systems 1 HO 152 Human Body Systems 2

Mathematics**

MTH 105 Intro to Contemporary Math

MTH 211, 212, 213 Fundamentals of Elementary Math 1, 2, 3

MTH 231, 232, 233 Discrete Mathematics
MTH 241, 242* Elementary Calculus 1, 2
MTH 243 Intro to Probability and Statistics

MTH 251, 252, 253* Calculus 1, 2, 3

MTH 265 Statistics for Scientists / Engineers

Physics

PH 101, 102, 103 Fundamentals of Physics

PH 201, 202, 203 General Physics

PH 211, 212, 213 General Physics with Calculus

Psychology

SOC 225

PSY 201 General Psychology

PSY 212 Theoretical Principles of Learning PSY 217 Intro to Experimental Psychology

MULTICULTURAL REQUIREMENT: AS-UO

Bachelor's degree candidates at the University of Oregon, including those with Associate of Arts Oregon Transfer degrees, must complete one course in two of the following categories:(A) American Cultures [AC]; (B) Identity, Pluralism and Tolerance [IP]; and (C) International Cultures [IC].A minimum of 6 credits in approved courses must be earned.Courses that satisfy this requirement are listed below.

Area A: American Cultures

ANTH 229 Chicano Culture ANTH 231, 232, 233 American Indian Studies **ART 203** Surv American Indian Art & Arch ART 203 H Surv American Indian Art & Arch-Honors **ENG 151** Black American Literature **ENG 232** Native American Literature **ENG 259** Afr-Amer. Poetry, Plays and Film Historical/Contemporary Racial Ethnic ES 101, 102 ES 211, 212 Chicano/Latino Experience African American Experience ES 221, 222, 223 ES 231, 232, 233 Asian American Experience ES 241, 242, 243 Native American Experience Native American Story Telling ES 244 MUS 102 Jazz Fundamentals MUS 205 Intro to Jazz History MUS 264, 265, 266 History of Rock Music I, II, III

Area B: Identity, Pluralism and Tolerance

Intro to Intercultural Communications **COMM 115 COMM 220** Communication, Gender & Culture **ECON 250** Class, Race, & Gender U.S. Economy **ENG 222** Literature and Gender **ENG 250** Introduction to Folklore & Mvth **ENG 260** Introduction to Women Writers ES 213 Chicano/Latino Experience FS 250 Class, Race, & Gender U.S. Economy Women Make Movies FA 264

Social Problems

HST 155 History of Islam
HST 195 History of the Vietnam War
HST 266 US Women's History
REL 203 Religions of Middle East

SOC 108A Selected Topics in Women's Studies

SOC 204 Intro to Sociology

SOC 205 Social Stratification & Social Systems

SOC 207 Women and Work
SOC 213 Race and Ethnicity
SOC 215 Social Class

SOC 218 Sociology of Gender

WS 101 Introduction to Women's Studies

Area C: International Cultures

ANTH 103 Cultural Anthropology
ANTH 227 Prehistory of Mexico
ANTH 228 Cultures of Mexico
ART 207, 208, 209 History of Asian Art
ART 217 Islamic Art
ENG 107, 109 Survey of World Litera

ENG 107, 109 Survey of World Literature
ENG 213 Survey of Asian Literature
ENG 215 Latino/a Literature
ENG 244 Asian American Literature

ENG 244 Asian American Literature
GEOG 142 Intro Human Geography
GEOG 201 World Regional Geography
GEOG 216 Geography of Pacific Asia

HST 104, 105, 106 World History

PSY 218 Multicultural Psychology
REL 160 World Religions
REL 201 Religions of India

REL 202 Religions of China and Japan SOC 216 Global Social Movements

Associate of Science: Oregon State University

For students intending to transfer, the following Associate of Science (AS) degree may best match general education requirements for Oregon State University (OSU). Requirements of the AS degree include a rigorous general education program balanced with electives.

The AS-OSU is **not** a block transfer degree. It does not guarantee that a student will have met the lower division general education requirements for baccalaureate degree programs. For some students planning to transfer to OSU, the AS-OSU may be a better option than the AAOT.

Each student is strongly encouraged to work with an academic advisor to match career goals with an appropriate major and to select appropriate courses for transfer to OSU.

Guidelines

- Complete a total of 90 credits of college-level coursework (see notes).
- 2. Complete at least 24 credits at Lane.
- 3. Skill Courses and Perspectives Courses must be a minimum of 3 credits.
- 4. All Elective courses may be any number of credits.
- Pass all Skills Courses with a grade of "C-" or "P" or better. Pass all Perspectives Courses and Elective courses with a grade of "D-" or "P" or better.
- 6. Maximum 16 credits "P" may be used toward degree. This limit does not include courses only offered P/NP.
- No single course can be used to satisfy more than one area of the Skill or Perspectives courses, even though some courses are approved for more than one area.
- 8. Cumulative GPA must be at least 2.0 when the Associate of Science degree is awarded.

I. Skill Courses

- 1. Writing I (3 credits) -- see the Skill Courses: AS-OSU list
- 2. Writing II (3 credits) -- see the Skill Courses: AS-OSU list
- 3. Writing III/Speech (3 credits) -- see the Skill Courses: AS-OSU list
- 4. Mathematics (3 credits) -- see the Skill Courses: AS-OSU list
- 5. Health/Fitness (3 credits) -- see the Skill Courses: AS-OSU list

II. Perspectives Courses

In addition to Skill Courses, students must select additional courses in each of the areas identified below. No more than two courses from any one department may be used to satisfy the Perspectives area.

- 1. Physical Science with lab (4 credits) -- see the Perspectives Courses: OSU list
- 2. Biological Science with lab (4 credits) -- see the Perspectives Courses: OSU list
- 3. Choice of an additional Physical or Biological Science with lab (4 credits) -- see the Perspectives Courses: OSU list
- 4. Western Culture (3 credits) -- see the Perspectives Courses: OSU list
- Cultural Diversity (3 credits) -- see the Perspectives Courses:
 OSU list
- 6. Literature and the Arts (3 credits) -- see the Perspectives Courses: OSU list
- 7. Social Processes and Institutions (3 credits) -- see the Perspectives Courses: OSU list
- 8. Difference, Power, and Discrimination (3 credits) -- see the Perspectives Courses: OSU list

III. Electives

Any college-level courses that bring total credits to 90 credits. Limitations include:

1. Career Technical courses -12 credit maximum. See the list of

- Career Technical course prefixes in the Associate of Applied Science section.
- PE and dance activity courses -- 11 credit maximum (Dance majors see Academic Advising team for limitations in major requirements)
- Studio instruction in music (MUP) -- 12 credit maximum (Music majors see Academic Advising team for limitations in major requirements)
- 4. Co-operative Education and supervised field experience --12 credits maximum.
- WR 115 may be included in the degree as an elective if completed summer 1999 or later.

Notes

- College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100, RD 115, WR 110, 120 and WR 115. (taken before summer 1999), which are considered developmental.
- Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor. Waiver testing is not the same as placement testing.

Note: OSU requires a minimum 2.25 GPA in college-level transfer credits for admission processes.

- University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR
 - b) two years of the same high school-level second language with an average grade of C- or above, OR
 - satisfactory performance on an approved second language assessment of proficiency.
 - d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 4. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total degree credits.
- Repeatable courses may be used once to meet Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements. See limitations under Electives for maximum credits allowed for subject categories.
- 6. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- 7. Courses numbered 199, 280, 298,or 299 count as electives and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental and later may be reviewed and approved for Discipline Studies.
- 8. Only the highest grade for a repeated course will be calculated in the GPA for the purposes of admissions to OSU.
- OSU requires an additional 9 credits of junior or senior year courses to satisfy general education ("Baccalaureate Core") requirements for all bachelor's degrees. These credits must be taken at OSU.
- 10.A student selecting this transfer option must still meet OSU admission requirements, including course standing, grade point average and foreign language. Note: OSU requires a minimum 2.25 GPA in college-level transfer credits for admission purposes.

Skill Courses: AS-OSU

Writing I

WR 121 Intro to Academic Composition
WR 121_H Intro to Academic Composition-Honors

Writing II

BA 214 Business Communications

J216 WR 122 WR 122_H WR 123 WR 227 WR 240 WR 241 WR 242 WR 255	Newswriting I Argument, Research & Multimodal Composition Argument, Style and Research & Multimodal Composition-Honors Composition: Research Technical Writing Creative Nonfiction Intro to Imag Writing: Fiction Intro to Imag Writing: Poetry Poet in The City
Writing III COMM 111 COMM 112 COMM 218 COMM 219	Fund of Public Speaking Persuasive Speech Interpersonal Communication Small Group Discussion
Mathematics MTH105 MTH106 MTH111 MTH112 MTH211 MTH241 MTH251	Intro to Contemporary Math Intro to Contemporary Math 2 College Algebra Trigonometry Fundamentals of Elementary Math 1 Elementary Calculus 1 Calculus 1 - Differential Calc
Fitness HE 275	Lifetime Health & Fitness

Perspectives Courses: AS-OSU

Physical Science

CH 104 Introductory Chemistry 1 CH 110 Chemistry in Everyday Life CH 114 Forensic Chemistry CH 221 General Chemistry 1 General Chemistry 2 CH 222 CH 223 General Chemistry 3 **ENSC 181** Terrestrial Environment Atmospheric Environment & Population **ENSC 182 ENSC 183** Aquatic Environment **ENSC 184** Global Climate Change G 101 Earth's Dynamic Interior G 102 Earth's Dynamic Surface G 103 **Evolving Earth** G 146 Rocks and Minerals G 147 National Parks Geology G 160 Regional Geologic Field Studies G 201 Earth Materials & Plate Tectonics G 202 Earth's Surface Systems Evolution of the Earth G 203 **GIS 151** Digital Earth Physical Science GS 104 **Physical Science** GS 105 Physical Science GS 106 Fund Physics PH 101 PH 102 Fund of Physics Fund of Physics PH 103 PH 201 General Physics PH 202 **General Physics** General Physics PH 203 PH 211 Gen Physics with Calculus PH 212 Gen Physics with Calculus

Biological Science

PH 213

BI 101 General Biology BI 101_H General Biology-Honors Gen Bio - Ocean Life Foundation BI 101F BI 101F Gen Biology-Survey of Biology BI 101I Gen Bio - Botanical Beginnings Gen Bio - Unseen Life on Earth BI 101,J BI 101K Gen Biology: Intro to Genetics BI 102 General Biology BI 102_H General Biology-Honors

Gen Physics with Calculus

BI 102C Gen Biology-Marine Biology BI 102D Gen Biology-Survey of Biology Gen Biology-Animal Biology BI 102E BI 102G Gen Biology-Genetics & Society BI 102H Gen Biology-Forest Biology BI 102I General Biology-Human Biology BI 102J General Biology - Ethnobotany BI 103 General Biology BI 103A Gen Biology-Birds of Oregon BI 103B Gen Biology-Field Biology BI 103D Gen Biology-Sea Birds/Mammals BI 103E Gen Biology-Survey of Biology BI 103F Gen Bio - Wildflowers of Oregon BI 103G Gen Biology-Global Ecology BI 103H Gen Biology-Mushrooms Gen Biology-Animal Behavior BI 103K Gen Bio - Evolution & Diversity BI 103L Gen Bi - Biodiv & Sustainability **BI 103M** Gen Bio: Sea Birds/Mammals BI 103U BI 211 Principles of Biology RI 212 Principles of Biology Introductory Microbiology BI 234 **BOT 213** Principles of Botany Z 213 Principles of Zoology

Gen Biology-Jungle Biology

Western Culture ARH 202

BI 102B

Survey of Western Art ARH 204, 205, 206 History of Western Art Twentieth Century Art **ARH 212** Survey of World Literature ENG 107, 108, 109 ENG 195, 196, 197 International Film Studies ENG 201, 203 Shakespeare ENG 204, 205 Survey of British Literature **ENG 250** Intro to Folklore And Myth **ENG 253** Survey of American Lit **ENG 254** Survey of American Lit FA 255 Understd Movies: Amer Cinema HST 101, 102, 103 History Western Civilization HST 104, 105, 106 World History HST 201, 202, 203 History of the United States History of the American West **HST 207 HST 208** Us History Since 1945 PHL 201 Intro Philosophy: Ethics Intro Philosophy: Ethics-Honors PHL 201_H PHL 205 Contemporary Moral Issues PHL 205 H Contemporary Moral Issues-Honors PS 208 Intro to Political Theory RFI 211 Introduction to the Bible

REL 230

REL 202

Cultural Diversity Prehistory of Mexico **ANTH 227 ANTH 228** Cultures of Mexico ANTH 231, 232, 233 American Indian Studies Surv Amer Indian Art/Architect **ARH 203** ARH 203 H Surv Amer Indian Art/Architect-Honors **ARH 207** History of Asian Art: India **ARH 208** History of Asian Art: China **ARH 209** History of Asian Art: Japan ENG 231, 232 Native American Literature Native American Autobiography ENG 243 **ENG 244** Asian American Literature ES 101 Historical Racial & Ethnic Iss ES 211 Chicano/Latino Experience ES 222, 223 African-American Experience Asian American Experience ES 231 ES 233 Asian American Experience ES 241 The Native American Experience **GEOG 201** World Regional Geography HST 104, 105, 106 World History MUS 108 Music in World Cultures **REL 201** Religions India: Hindu/Buddh

Religions China & Japan

Christian Beginnings

Literature and the	Arts	MUS 261
ART 111	Introduction to Visual Arts	MUS 262
ART 202	Survey of Western Art	MUS 263
ART 204	History of Western Art	MUS 264
ART 205	History of Western Art	MUS 265
ART 206	History of Western Art	MUS 266
ART 207	History of Asian Art: India	TA 272
ART 208	History of Asian Art: China	17 272
ART 209	History of Asian Art: Japan	Social Process
ART 211	Surv Visual Arts: Early Modern	ANTH 103
ENG 104	Intro to Literature: Fiction	EC 201
ENG 104	Intro to Literature: Piction	EC 202
ENG 105	Intro to Literature: Drama	ECON 201
ENG 100	Survey of World Literature	ECON 202
ENG 107	Survey of World Literature	ECON 204
ENG 108	Survey of World Literature	ECON 260
ENG 103	Detective Fiction	GEOG 142
ENG 151	Black American Literature	HE 209
ENG 195	Intro to Film Studies	HST 101
ENG 195	Intro to Film Studies	HST 102
ENG 190	Intro to Film Studies	HST 103
ENG 197	Shakespeare	PS 201
ENG 201	Shakespeare	PS 202
ENG 203 ENG 204	Survey of British Literature	PS 204
		PS 205
ENG 205	Survey of British Literature	PSY 201
ENG 213 ENG 215	Survey of Asian Literature Latino/a Literature	PSY 202
		PSY 203
ENG 222	Literature and Gender	SOC 204
ENG 250	Intro to Folklore and Myth	SOC 204 SOC 205
ENG 253	Survey of American Lit	SOC 206
ENG 254	Survey of American Lit	30C 200
ENG 257	The American Working Class	Difference Po
ENG 258	World Working Class Literature	ES 102
ENG 259	African Amer Poetry/Plays/Film	ES 212
ENG 260	Intro to Women Writers	ES 213
FA 255	Understd Movies: Amer Cinema	ES 221
FA 263	Film in the Fifties	ES 223
FA 264	Women Make Movies	ES 232
FA 265	African American Film Images	HST 201
HUM 100	Humanities Through the Arts	HST 202
MUS 201	Intro Music and Its Lit	HST 202
MUS 202	Intro to Music and Its Lit	SOC 213
MUS 203	Intro Music and Its Lit	SOC 215
MUS 205	Intro Jazz History	SOC 215
	l	JUC 225

MUS 261 MUS 262 MUS 263 MUS 264 MUS 265 MUS 266 TA 272	Music History Music History Music History History of Rock Music 1 History of Rock Music 2 History of Rock Music 3 Introduction to Theater
Social Processes a	and Institutions
ANTH 103	Cultural Anthropology
EC 201	Prin of Econ: Microeconomics
EC 202	Prin of Econ: Macroeconomics
ECON 201	Prin Econ: Microeconomics
ECON 202	Prin Econ: Macroeconomics
ECON 204	Intro to International Econ
ECON 260	Environ. Natural Resource Ec
GEOG 142	Intro to Human Geography
HE 209	Human Sexuality
HST 101	History Western Civilization
HST 102	History Western Civilization
HST 103 PS 201	History Western Civilization American Govt & Politics
PS 201 PS 202	American Govt & Politics American Govt & Politics
PS 204	Intro Comparative Politics
PS 205	International Relations
PSY 201	General Psychology
PSY 202	General Psychology
PSY 203	General Psychology
SOC 204	Introduction to Sociology
SOC 205	Social Stratificatn & Soc Sys
SOC 206	Institutions & Social Change

Difference Power and Discrimination

ES 102	Contemporary Racial and Ethnic Issues
ES 212	Chicano/Latino Experience
ES 213	Chicano/Latino Experience
ES 221	African-American Experience
ES 223	African-American Experience
ES 232	Asian American Experience
HST 201	History of the United States
HST 202	History of the United States
HST 203	History of the United States
SOC 213	Race and Ethnicity
SOC 215	Social Class
SOC 225	Social Problems

Associate of General Studies

The Associate of General Studies degree provides an alternative for students pursuing some transfer programs to meet individual goals, balancing general education and elective transfer or career technical coursework. Award of this degree does not guarantee admission to a state four-year institution, or that all lower division general education requirements have been met, nor does it ensure junior status at a state four-year institution.

A student selecting this option still must meet the receiving university's admission requirements, including course standing, grade point average and foreign language.

All courses should be aligned with the student's intended program of study and the degree requirements at the intended transfer institution.

Each student is strongly encouraged to work with an academic advisor or counselor to match career goals with an appropriate program, and to select appropriate courses for a major at an intended transfer institution.

Guidelines

 Complete a total of 90 credits college-level coursework (see notes).

- 2. Complete at least 24 credits at Lane.
- Foundational Skills and Discipline Studies courses must be a minimum of 3 credits, except for Health/PE courses, which may be any number of credits.
- 4. All Elective courses may be any number of credits.
- Pass all Foundational Skills courses with a grade of "C-" or "P" or better. Pass all Discipline Studies and Elective courses with a grade of "D-" or "P" or better.
- Cumulative GPA must be at least 2.0 when the Associate of General Studies degree is awarded.
- 7. Maximum 16 credits "P" may be used toward degree. This limit does not include courses only offered P/NP.

I. Foundational Skills

English Composition

Two courses (minimum 3 credits each): WR 115 (summer 1999 or after), WR 121/WR 121_H, WR 122/WR 122_H, WR 123, WR 227

Mathematics

One of the following options:

One Course (minimum 4 credits): MTH 105 or higher

OR

Two courses (minimum 4 credits each): MTH 052 or higher and one of the following: CIS 101 or CS 120 (all credits are counted in this area).

Health/Wellness/Fitness

Three credits, one course required from the list of activity classes from the AAOT, plus additional credits from PE 181-298 or the listing to total three credits. One credit from PE 186W accepted to meet this requirement.

ΩR

Three credits EXMS 214, FN 225, HE 152, 209, 222, 240, 250, 255, 262, 275 or 290; or HE 125, 252 (summer 1997 or later), HI 101.

II. Discipline Studies

In addition to courses used for Foundational Skills, students must select additional courses in the areas identified below.

Arts and Letters

12 credits from the following: Art, Art History, Communications, Dance, Effective Learning, Film Arts, Language (CW, FR, SPAN, ASL, and other Transfer Languages), Humanities, Journalism, Literature, Music, Philosophy, Religion, Theater Arts, Writing, ES 244

Social Science

12 credits from the following: Anthropology, Career Guidance (CG), Economics, Ethnic Studies, Geographic Information Science (GIS), Geography, History, Human Development (HD), Human Services (HS), Philosophy, Political Science, Psychology, Religion, Sociology, Women's Studies, Humanities

Science/Math/Computer Science

14 credits from the following: Astronomy, Biology, Botany, Chemistry, Computer Science (CS prefix courses only, not CIS), Engineering, Geographic Information Science (GIS), Geology (G or ENSC), Mathematics (MTH 105 and higher), Physical Science (GS prefix), Physics, Zoology; ANTH 101, CJA 214, DA 110, DRF 205, DRF 207, ET 129, ET 130, ET 131, ET 145, ET 146, ET 151, ET 152, FT 113, GEOG 141, HO 150, HO 152, PSY 217, WST 230.

NOTE: Only one of the BI 101s, and one of the BI 102s and one of the BI 103s will meet the Science/Math/Computer Science requirements for any Lane Degree. (See the course description for more information).

III. Electives

Any college-level courses that bring total credits to 90 credits including:

- Up to 18 credits of Cooperative Education may be included as electives. See Cooperative Education/Internships in the Course Descriptions.
- Up to 12 credits of Individual Music Lessons (MUP) may be included as electives.
- Up to 12 credits of Physical Education activity may be included within the entire degree (Electives and Health/Wellness Fitness).
- Although there are no limits on Career Technical courses for the AGS, policies on accepting Career Technical credits vary at the four-year institutions in Oregon. Consult an academic advisor about taking Career Technical courses as Electives.

Notes

- College-level courses are numbered 100 or higher. Courses numbered 001-099 identify developmental courses (e.g. RD 090), with the exception of ENG 110, 116, 117; MTH 100, RD 115, WR 110, 120 and WR 115. (taken before summer 1999), which are considered developmental.
- Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor.
- University second language admission requirements for transfer students graduating high school in 1997 and thereafter include one of the following:
 - a) two terms of a college-level second language with an average grade of C- or above, OR
 - b) two years of the same high school-level second language with an average grade of C- or above, OR
 - c) satisfactory performance on an approved second language assessment of proficiency.
 - d) demonstrated proficiency in American Sign Language meets this second language admission requirement.
- 4. Credit-by-Exam and Credit-by-Assessment may comprise up to 25% of total degree credits.
- Repeatable courses may be used once to meet a Discipline Studies requirement. Any additional allowable repeats may be used to meet Elective requirements.
- 6. Lower-division college-level courses (100 and 200-level) taken at Lane may not meet the requirements of an upper-division course with a similar title and content offered by public universities in Oregon. In such cases, the courses in question will normally transfer as electives.
- 7. Courses numbered 199, 280, 298, or 299 count as electives, and do not meet Discipline Studies requirements. Courses numbered 199 and 299 are experimental, and may later be reviewed and approved for Discipline Studies. Consult an advisor or counselor.

Associate of Applied Science

Associate of Applied Science degrees train graduates for immediate employment and direct entry into the workforce. Many career technical programs require cooperative education or internships and may require licensure exams or certifications. Career Technical courses do not necessarily transfer to other institutions. See the index for Career Technical course prefixes.

Students who wish to pursue an AAS degree must choose a career technical program and follow the requirements listed for that program (see Career Technical programs for specific curriculum).

Each student is strongly encouraged to work with a Lane academic advisor or counselor to match career goals with an appropriate program. Each AAS degree has specific program requirements. The following information is provided only as an overview of the AAS degree.

Guidelines

- Total credits for an AAS degree range from 90-108 credits, depending on program requirements. Complete program with a minimum of 24 credits earned at Lane.
- Foundational Skills and Discipline Studies courses must be a minimum of 3 credits, except for Health/PE courses, which may be any number of credits.
- 3. Pass all Foundational Skills and Discipline Studies courses with a grade of "C-" or "P" or better.
- Pass all required program core courses with a letter grade of "C-" or better, unless your AAS program has different requirements.
- Developmental courses may not be used unless specified in the program.
- Cumulative GPA must be at least 2.0 when the Associate of Applied Science degree is awarded.

I. Foundational Skills

Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or academic advisor. Waiver testing is not the same as placement testing.

Writing

Three credits (one class). See your program for the specific required class. If none is listed, you must take one course, WR 115 (Summer 1999 or after) or higher.

Mathematics

One course, minimum 3 credits. See your program for the specific required class. If none is listed, take one course, MTH 025 or higher.

Physical Education or Health

Three credits, of any PE activity class.

OF

Three credits EXMS 214, FN 225, HE 152, 209, 222, 240, 250, 255, 262, 275 or 290; or HE 125, 252 (summer 1997 or later), HI 101

II. Discipline Studies

In addition to courses used for Foundational Skills in section 1, twelve additional credits are required with 3 credits minimum from Arts and Letters; 3 credits minimum from Human Relations, 3 credits minimum from Science/Math/Computer Science; and remaining credits from any of the 4 disciplines.

Arts and Letters

Three credits minimum from one subject prefix as specified by program, or if not specified, chosen from Art, Art History, Communication, Dance, Effective Learning, English, Film Arts, Foreign Language, Humanities, Journalism, Literature, Music, Philosophy, Religion, Theater Arts, Writing, CW 201-203, or ES 244.

Human Relations

Three credits minimum from one subject prefix as specified by program, or if not specified, chosen from the approved Human Relations list.

Social Science

Three credits minimum form one subject prefix as specified by program, or if not specified, chosen from the following: Anthropology, Career Guidance (CG), Economics, Ethnic Studies, Geographic Information Science (GIS), Geography, History, Philosophy, Human Development (HD), Human Services (HS), Political Science, Psychology, Religion, Sociology, Women's Studies; CJA 214, HUM 100, SLD 103, SLD 121

Science/Math/Computer Science

Three credits minimum as specified by program, or if not specified, chosen from Astronomy, Biology, Botany, Chemistry, Computer Science (CS prefix only, not CIS), Engineering, Geographic Information Science, Geology (G or ENSC), Mathematics (must be a higher level course than the minimum required by the program), Physical Science (GS prefix), Physics, Zoology; ANTH 101, CJA 214, DA 110, DRF 205, DRF 207, ET 129, ET 130, ET 131, ET 145, ET 146, ET 151, ET 152, FT 113, GEOG 141, HO 150, HO 152, or PSY 217.

III. Program Core Requirements

Core course work varies from program to program. Not all programs offer a degree. See the individual program descriptions for specific requirements and limitations.

Human Relations Courses

BA 278

Three credits from this list will meet the Human Relations component for AAS degrees and certificates.

Leadership and Team Dynamics

2, . 2, 0	
CG 100	College Success
CG 203	Human Relations at Work
COMM 130	Business and Professional Communication
COMM 218	Interpersonal Communication
COMM 219	Small Group Discussion

Career Technical Courses

Policies on accepting career technical credits vary at the four-year colleges in Oregon. Consult an academic advisor about taking career technical courses as electives for transfer to a four-year institution.

Career Technical courses currently offered at Lane are identified by the following subject codes:

AM Automotive
APR Apprenticeship
AS Aerospace Science
AUD Audio Production
AV Aviation Maintenance
BT Business Technology
CA Culinary Arts

CIS Computer Information Systems
CNC Computer Numerical Control

CSK Career Skills
CST Construction
DA Dental Assisting
DH Dental Hygiene
DRF Drafting
DS Diesel

ECE Early Childhood Education EMT Emergency Medical Technology

ET Electronic Technology

EXMS Exercise and Movement Science FN Food and Nutrition

FN Food and Nutrition FT Flight Technology GD Graphic Design

GWE General Work Experience

HDFS Human Development and Family Studies

HI Health Informatics

HIM Health Information Management HIT Health Information Technology

HO Health Occupations

HRTM Hotel, Restaurant, Tourism Management
HS Human Services

LA Legal Assistant
MA Medical Assisting
MDP Multimedia Production
MFG Manufacturing
MUL Multimedia

MUL Multimed NRG Energy NRS Nursing

OST Occupational Skills Training

PN Practical Nursing

PTA Physical Therapist Assistant
RT Respiratory Therapy

RT Respiratory Therapy
RTEC Regional Technology Education Consortium

SUST Sustainability
VP Video Production
WATR Water Conservation

WLD Welding

WST Water Shed Technologies

Career Technical subject codes previously used by Lane include: AB, AIL, AVN, APPR, BVDP, CSP, EET, ELT, HI, IT, LAT, LE, LGL, MMT, MO,

MS, NUR, OA, PA, PGS, PST, PTV, RE, RH, RVS, SS

Career Technical Certificates

Students are encouraged to contact an academic advisor or counselor to determine which certificate is appropriate to meet their goals.

Lane awards certificates to students who meet the listed certificate requirements for Lane's career technical degrees. Refer to the individual programs for more specific requirements.

Students should check with their major academic advising team for possible associate degree options.

I. Foundational Skills

Students must complete all requirements in this section with a minimum grade of C- or "P" (Pass), unless otherwise noted by the sponsoring department that the course requires a letter grade and/or a higher grade.

Note: Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or advisor.

Writing

One course, minimum 3 credits as specified by the program, or if not specified, WR 115W, WR 115 (Summer 1999 or after) or higher.

Mathematics

One course, minimum 3 credits as specified by the program, or if not specified, MTH 025 or higher.

Human Relations

Three credits minimum as specified by program, or if not specified, chosen from the Human Relations list.

II. Program Core Requirements

Core course work varies from program to program. Not all programs offer a certificate. See the individual program descriptions for specific requirements and limitations.

- Pass all required program core courses with a letter grade of "C-" or better, unless your AAS program has different requirements.
- Some career technical programs may have higher general education course and/or grade requirements. Only the Academic Requirements Review Committee may waive a college General Education requirement. Petitions are available from Enrollment and Student Financial Services at lanecc.edu/ esfs/enrollment-services-forms.
- Programs may have specific courses listed to fulfill the Foundational Skills in Section I. For the Human Relations area, a department may substitute another course from the approved course list.
- A maximum of 18 credits of Cooperative Education listed under the Cooperative Education/Internships in the course descriptions may be used.
- A maximum of 12 credits of Physical Education list from the AAOT under Health/Wellness/Fitness may be used.
- Developmental courses may be used only when listed specifically by certificate program requirements. (Course numbers 001 through 099 usually identify these courses.)
 However, WR 115 taken prior to summer 1999 may not be used.

Career Pathway Certificates

Career Pathway Certificates of Completion (CPC) are between 12-44 credits and are fully embedded in an Associate of Applied Science degree or One-Year Certificate. They acknowledge proficiency in specific technical skills and are a "milestone" toward completion of a more advanced program. CPCs help students qualify for entrylevel jobs, enhance their current program, or advance in their current field of employment.

Career Pathway Certificates offered at Lane

Lane divides CPCs into two categories—Model A: Beginning and Model B: Advanced. Curriculum for the following CPCs may be found in the Career Technical program descriptions.

To learn more about Career Pathway Certificates of Completion, contact Counseling and Advising, Building 1, Room 103, *lanecc. edu/counseling*, 541.463.3200, *coundept@lanecc.edu*

Model A Certificates

These are front end certificates ideal for students transitioning from Adult Basic Skills, English as a Second Language or dislocated workers looking for entry level jobs in a new career field, or those interested in short term training. These certificates may be taken independently and require minimal academic prerequisites or professional preparation.

Basic Health Care, embedded in Health Information Management AAS Community Health Worker, embedded in Human Services AAS Customer Service, embedded in Administrative Office Professional

Early Childhood Teacher's Aide 1, embedded in Early Childhood Education AAS

Group Exercise Instructor, embedded in Exercise and Movement Science AAS

Manufacturing Technician 1, embedded in Manufacturing Technology AAS Meeting, Convention, and Special Events Manager, embedded in Hospitality Management AAS

Model B Certificates

These are advanced certificates ideal for professional development of those currently employed or those seeking to enhance their current or previous educational path. They support the development of specialized skills within a career field. In many cases, they require either significant academic prerequisites or demonstrated professional expertise.

Computer Network Monitoring and Management, embedded in Computer Network Operations AAS

Computer Network Security, embedded in Computer Network Operations AAS

Database Specialist, embedded in Computer Programming AAS
Guidance and Curriculum, embedded in Early Childhood Education AAS
Health Educator, embedded in Public Health Education and Promotion
Specialist

Infant and Toddler, embedded in Early Childhood Education AAS
Legal Office Skills, embedded in Administrative Office Professional AAS
Manufacturing Technician 2, embedded in Manufacturing Technology AAS
Medical Coding, embedded in Health Information Management AAS
MIDI and Audio Production, embedded in Music Technology and
Production AAS

MIDI Production, embedded in Music Technology and Production AAS

Mobile Application Development, embedded in Computer

Programming AAS

Office Software Specialist, embedded in Administrative Office Professional AAS

Shielded Metal Arc Welder, embedded in Fabrication Welding AAS Small Business Ownership, embedded in Administrative Office Professional AAS

Wire Drive Welder, embedded in Welding Processes One-Year Certificate

Oregon Transfer Module

A state-approved Transcription Notation (not a degree or certificate)

For students intending to transfer within a year to a public university in Oregon, this transcript notation ensures the 45 credits of specific general education requirements and electives will be accepted at any state institution, and ensures sophomore status for registration purposes. Upon transfer, the receiving institution may specify additional course work required for a major or for degree requirements or to make up the difference between the Transfer Module and the institution's total General Education requirements.

Any student holding an Oregon Transfer Module that conforms to the guidelines below will have met the requirements for the Transfer Module at any Oregon community college or public institution. Oregon Transfer Module credits also may not match program requirements in the receiving school. Students are encouraged to meet with a counselor or academic advisor for planning their courses. The Oregon Transfer Module includes 45 credits of course work, equivalent to 3 academic quarters.

I. Foundational Skills

Writing

Two courses of college-level composition (WR 121/WR 121_H and WR 122/WR 122 H, WR 123, or WR 227)

Oral Communications

One course of fundamentals of speech or communication (COMM 100, 111, 112, 130, 218, 219)

Mathematics

One course in college-level mathematics designated by the college as meeting the statewide criteria for mathematics.

Note: Foundational Skills are open to demonstration of proficiency. For information on waiver testing or credit for prior learning, contact a counselor or advisor.

II. Discipline Studies (must be at least 3 credits each)

Arts and Letters

Three courses from approved list under AAOT degree

Social Sciences

Three courses from approved list under the AAOT degree

Science/Math/Computer Science

Three courses from the approved list under the AAOT degree including at least one biological or physical science with a lab

III. Additional Requirements

- Electives as needed to bring the total credits to 45. Courses must be from the Disciplines Studies (Arts and Letters, Social Sciences, or Science/Math/Computer Science).
- Grades: All courses must have a grade of "C-" or better.
- Cumulative GPA: Students must have a minimum cumulative GPA of 2.0 at the time the module is posted to the student's transcript.
- Developmental Courses are designed to prepare students for college transfer courses are not applicable to the Oregon Transfer Module.

Notes and Limitations

When choosing courses in science and mathematics, students/ advisors should check specific requirements at receiving schools. Courses that include a lab component, or that deal with specific subjects, may be required for majors or degrees.

All Oregon community colleges and public universities in Oregon will offer students the opportunity to complete an Oregon Transfer Module and the OTM designation will be posted on the transcript by the issuing institution upon request. Regionally accredited private colleges and universities within the state may also offer and issue Transfer Modules, which will be accepted at any Oregon public college or university.

Transfer

All Oregon community colleges and public universities in Oregon will offer students the opportunity to complete an Oregon Transfer Module and the OTM designation will be posted on the transcript by the issuing institution upon request. Regionally accredited private colleges and universities within the state may also offer and issue Transfer Modules, which will be accepted at any Oregon public college or university.

Lane Community College offers courses for students who wish to pursue a four-year degree at a public or private college or university. A student who attends Lane can complete lower division general education requirements of the four-year colleges and begin work on the requirements for a specific major. The advantages of beginning college studies at Lane include small classes, lower costs, individual help from instructors, and an opportunity to improve writing, reading, math, and study skills.

General education and graduation requirements for specific majors vary among colleges and universities. Lane's Counseling and Advising Center, a complete resource for students who plan to transfer credit from Lane, has information on colleges and universities and the degree programs they offer. Counselors and academic advisors are available to help students with academic planning to ensure that course work is appropriate for programs at the four-year colleges

they plan to attend. In addition, Counseling offers several transfer workshops each term to help students obtain up-to-date transfer information.

Planning is important because it helps students prepare for further studies in their programs. For instance, it may be important that a student begin mathematics studies as early as possible. For certain majors, students need to be attending the four-year school after the first year of study because specific major requirements are part of the second-year curriculum. Students who have taken advantage of Lane's advising opportunities have a smooth transfer process and continue on to complete their bachelor's degrees. In addition to information presented here, please be sure to consult with a counselor or academic advisor.

Students who have a major in mind, and also want to optimize the amount of coursework that will count toward it, should work closely with an academic advisor. General transfer information is available at ous.edu/stucoun/transfer/planning.

For students intending to become teachers, specific recommendations on structuring their AAOT degrees are given at: How to become an Oregon Teacher, *ous.edu/stucoun/prospstu/teached*.

Second Language Requirement for Admission For transfer students graduating from high school in 1997 and thereafter, the Oregon University System has a second language admission requirement:

two terms of a college-level second language with an average grade of C- or above, OR two years of the same high school-level second language with an average grade of C- or above, OR satisfactory performance on an approved second language proficiency. Demonstrated proficiency in American Sign Language meets this second language admission requirement.

Direct Transfer This option is for any student who has selected a transfer school, major and degree and who wishes to satisfy the specific requirements for that college or university. It is especially important that a student who chooses this option works closely with a counselor or academic advisor at Lane. Direct transfer does not qualify for federal financial aid.

Each student planning to transfer must learn the program requirements of the intended transfer school. Transfer requirements change often. Students should periodically contact Counseling for academic advising and to learn of any possible changes in a program.

Dual Enrollment Program Lane Community College and University of Oregon Students may take advantage of this agreement between the two institutions to take classes concurrently. Students must be admitted to both institutions and complete an additional

application insert that is available at the Admissions Office at the UO and in the Counseling/Advising Center at Lane.

Dual Enrollment admission will allow students to use financial aid to take courses at both campuses. For students with 0-89 eligible credits, the financial aid award is administered by Lane; for students with 90 or more eligible credits, the financial aid award is administered by the University of Oregon.

Degree Partnership Program (DPP) Lane Community College and Oregon State University (OSU) students can be jointly admitted and enrolled at Lane and OSU. Students must be admitted to both institutions and complete an additional application for DPP available through OSU.

DPP will allow students to use financial aid to take courses at both campuses. Regardless of the number of credits, the financial aid is administered by OSU.

Degrees

For information about degrees and limitation, see the Degree and Certificate Overview section.

Career Technical Programs and Transfer Interest Areas

To help students explore college majors and career fields related to their interests, Lane has organized career-technical programs and transfer interest areas into eight categories:

- · Arts and Communications;
- · Business and Office Professionals;
- · Computer Science and Information Technology;
- · Culinary, Hospitality, and Tourism;
- · Health, Medical, and Fitness;
- Industrial Trades, Technologies, Transportation, and Apprenticeship;
- Science, Natural Resources, Math, and Engineering;
- · Social Sciences, Social Services, and Education.

We encourage students to browse one or more categories of interest and review the list of related majors. Consider taking courses in these areas to explore your interests, meet with the assigned academic advising teams to learn about classes and degree options, and visit the Career Center to explore career fields and occupations.

Career-Technical Programs

Career-technical programs train graduates for immediate employment and direct entry into the workforce.

Curriculum requirements and descriptions for Lane's career-technical degrees and certificates may be found in the Career-Technical section of this catalog. (In the Career-Technical section, the Career Pathways Certificates are listed with their corresponding AAS degrees.) Descriptions of required and elective courses can be found in the Course Descriptions section of this catalog. Curriculum information for Lane programs is updated annually. The most current information is available from the academic advising teams or the department offering a particular program. Work closely with the academic advising team assigned to these programs to plan your courses and stay on track toward completion. Email addresses for academic advising teams are listed in the following chart.

Depending upon the career-technical program in which they are enrolled, students can earn: an Associate of Applied Science degree, a two-year Certificate of Completion, a one-year Certificate of Completion, a less-than-one-year certificate, a Career Pathways

Certificate, or a combination of these.

Lane also offers noncredit opportunities for career training and continuing education. See Continuing Education.

Transfer Interest Areas

The following chart contains a list of transfer interest areas (majors) to help students choose Lane courses that may transfer to another college or university. Not all majors are offered at every college or university, and there are many additional majors not listed here.

For some of these transfer areas, Lane may have specific articulation agreements and transfer guides with Oregon universities, but not for all. (An articulation agreement is a signed agreement with a specific college or university that specifies a list of courses to be equivalent for a particular major or for general degree requirements.)

Although the majority of these transfer areas lead to bachelor's degrees, some lead to associate's degrees at other community colleges and some require graduate-level education beyond a bachelor's degree (these are designated as "pre-professional").

Lane offers six transfer degrees: Associate of Arts Oregon Transfer (AAOT), Associate of Science: University of Oregon (AS:UO), Associate of Science: Oregon State University (AS:OSU), Associate of Science Oregon Transfer: Business (ASOT: BUS), Associate of Science Oregon Transfer: Computer Science (ASOT: CS), and the Associate of Science (AS). Learn more about transfer degrees in the Degree and Certificate Overview.

Work closely with the academic advising team assigned to these transfer interest areas to plan your courses and develop the best transfer plan for your goals. Email addresses for academic advising teams are listed in the chart.

On the following chart, the notations in each column indicate the following:

- · 1-yr: One-Year Certificate of Completion
- · 2-yr: Two-Year Certificate of Completion
- AAS: Two-year Associate of Applied Science Degree;
- · CPC: Career Pathway Certificate
- LTOY: Less Than One-Year Certificate of Completion

 Transfer Interest Area: Work closely with assigned academic advising team to develop a transfer plan before transferring to another college or university. **Note:** Some programs listed below can be pursued as either a career-technical program or a transfer interest area. Work closely with the academic advising team to decide which fits your goals.

		ARTS /	AND CO	MMUNIC	CATION	IS	
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contact
Advertising						~	ArtsPrograms@lanecc.edu
Architecture						~	ArtsPrograms@lanecc.edu
Arts Administration						~	ArtsPrograms@lanecc.edu
Art History						~	ArtsPrograms@lanecc.edu
Dance						~	ArtsPrograms@lanecc.edu
Drafting			~		~	~	AdvTechPrograms@ lanecc.edu
English and Literature						~	SocSci-LLCPrograms@ lanecc.edu
Fashion Design						✓	ArtsPrograms@lanecc.edu
Film Studies						~	ArtsPrograms@lanecc.edu
Fine and Studio Arts						~	ArtsPrograms@lanecc.edu
Graphic Design					~	~	ArtsPrograms@lanecc.edu
Interior Design						~	ArtsPrograms@lanecc.edu
Journalism						~	ArtsPrograms@lanecc.edu
Language Studies						~	SocSci-LLCPrograms@ lanecc.edu
Liberal Studies						~	SocSci-LLCPrograms@ lanecc.edu
Linguistics						V	SocSci-LLCPrograms@ lanecc.edu
Media Studies and Communications						V	ArtsPrograms@lanecc.edu
MIDI and Audio Production		V					ArtsPrograms@lanecc.edu
MIDI Production		~					ArtsPrograms@lanecc.edu
Multimedia Design			~		~		ArtsPrograms@lanecc.edu
Music Technology & Sound Engineering					✓		ArtsPrograms@lanecc.edu
Music						~	ArtsPrograms@lanecc.edu
Music Technology						V	ArtsPrograms@lanecc.edu
Product Design						~	ArtsPrograms@lanecc.edu
Public Relations						~	ArtsPrograms@lanecc.edu
Speech and Communication Studies						~	SocSci-LLCPrograms@ lanecc.edu
Theatre Arts and Acting						V	ArtsPrograms@lanecc.edu
Web Design			~				ArtsPrograms@lanecc.edu
Writing Studies						~	SocSci-LLCPrograms@ lanecc.edu

	BUS	INESS A	AND OF	FICE PRO	OFESSI	ONALS	
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contact
Accounting					✓	V	BusinessAdvising@lanecc.edu
Administrative Office Professional					~		BusinessAdvising@lanecc.edu
Business Assistant			~				BusinessAdvising@lanecc.edu
Business Management					V		BusinessAdvising@lanecc.edu
Business Administration						~	BusinessAdvising@lanecc.edu
Business Information Systems						~	BusinessAdvising@lanecc.edu
Customer Service		~					BusinessAdvising@lanecc.edu
Entrepreneurship						~	BusinessAdvising@lanecc.edu
Finance						~	BusinessAdvising@lanecc.edu
Legal Office Skills		~					BusinessAdvising@lanecc.edu
Management						~	BusinessAdvising@lanecc.edu
Marketing						~	BusinessAdvising@lanecc.edu
Office Software Specialist		~					BusinessAdvising@lanecc.edu
Operations Management						~	BusinessAdvising@lanecc.edu
Small Business Ownership		~					BusinessAdvising@lanecc.edu
Sports Business						~	BusinessAdvising@lanecc.edu

COM	MPUTER	SCIENC	E AND	INFORM	IATION	TECHNO	DLOGY
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contact
Business Information Systems						~	BusinessAdvising@lanecc.edu
Computer Engineering						V	CITPrograms@lanecc.edu
Computer Information Systems					~		CITPrograms@lanecc.edu
Computer Information Systems: Accounting Application Option					v		CITPrograms@lanecc.edu
Computer Information Systems: Geographic Information Science Option					~		CITPrograms@lanecc.edu
Computer Information Systems: Programming Option					~		CITPrograms@lanecc.edu
Computer Network Monitoring and Management		~					CITPrograms@lanecc.edu
Computer Network Operations					~		CITPrograms@lanecc.edu
Computer Network Security		~					CITPrograms@lanecc.edu
Computer Programming					~		CITPrograms@lanecc.edu
Computer Science						~	CITPrograms@lanecc.edu

Computer Simulation and Game Development				~	CITPrograms@lanecc.edu
Database Specialist		~			CITPrograms@lanecc.edu
Geographic Information Science	~				CITPrograms@lanecc.edu
Health Information Management			~	~	CITPrograms@lanecc.edu
Mobile Application Development		~			CITPrograms@lanecc.edu

	CULINARY, HOSPITALITY, AND TOURISM								
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contact		
Baking and Pastry	~						CulinaryHospPrograms@ lanecc.edu		
Culinary Arts and Food Service Management					~		CulinaryHospPrograms@ lanecc.edu		
Hospitality Management						~	CulinaryHospPrograms@ lanecc.edu		
Hotel/Restaurant/ Tour- ism Management					~	~	CulinaryHospPrograms@ lanecc.edu		
Meeting, Convention, and Special Events Manager		•					CulinaryHospPrograms@ lanecc.edu		

		HEALTH	, MEDIC	AL, ANI	D FITNE	SS	
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contact
Basic Health Care		~					HIMProgram@lanecc.edu
Chiropractic Medicine (pre-professional)						~	Sci-MathPrograms@ lanecc.edu
Communication Disor- ders and Sciences						~	SocSci-LLCPrograms@ lanecc.edu
Community Health Worker		~					SocSci-LLCPrograms@ lanecc.edu
Dance						~	ArtsPrograms@lanecc.edu
Dental Assisting			~				DAProgram@lanecc.edu
Dental Hygiene					V	~	DHProgram@lanecc.edu
Dentistry (pre-professional)						~	Sci-MathPrograms@ lanecc.edu
Emergency Medical Technician			~				EMTParamedicProgram@ lanecc.edu
Fire Suppression						~	EMTParamedicProgram@ lanecc.edu
Fitness Specialist Level 1			~				EMSPrograms@lanecc.edu
Group Exercise Instructor		~					EMSPrograms@lanecc.edu
Health Care Administration						~	AlliedTransferPrograms@ lanecc.edu
Health Educator		~					AlliedTransferPrograms@ lanecc.edu
Health Information Management			~		~		HIMProgram@lanecc.edu

Human Physiology				~	Sci-MathPrograms@ lanecc.edu
Medical Assistant		~			MAProgram@lanecc.edu
Medical Coding	~				HIMProgram@lanecc.edu
Medical Imaging				~	AlliedTransferPrograms@ lanecc.edu
Medical Lab Technology				•	AlliedTransferPrograms@ lanecc.edu
Medical Technology (pre-professional)				✓	Sci-MathPrograms@ lanecc.edu
Medicine (pre-professional)				✓	Sci-MathPrograms@ lanecc.edu
Nursing			·	✓	NursingProgram@ lanecc.edu
Nutrition				✓	AlliedTransferPrograms@ lanecc.edu
Occupational Therapy (pre-professional)				✓	Sci-MathPrograms@ lanecc.edu
Optometry (pre-professional)				~	Sci-MathPrograms@ lanecc.edu
Paramedicine			V		EMTParamedicProgram@ lanecc.edu
Pharmacy (pre-professional)				~	Sci-MathPrograms@ lanecc.edu
Physical Education				~	AlliedTransferPrograms@ lanecc.edu
Physical Therapist Assistant			~		PTAProgram@lanecc.edu
Physical Therapy (pre-professional)				V	Sci-MathPrograms@ lanecc.edu
Physician Assistant (pre-professional)				v	Sci-MathPrograms@ lanecc.edu
Practical Nursing		~			NursingProgram@ lanecc.edu
Public Health				V	PUBHLTHProgram@ lanecc.edu
Public Health Education and Promotion Specialist			~		PUBHLTHProgram@ lanecc.edu
Radiation Therapy				V	AlliedTransferPrograms@ lanecc.edu
Veterinary Medicine (pre-professional)				V	Sci-MathPrograms@ lanecc.edu

INDUSTRIAL TRADES, TECHNOLOGIES, TRANSPORTATION, APPRENTICESHIP

Apprenticeship

Lane offers apprenticeship programs in the following industries, with options to earn a 1-year certificate or AAS degree: Carpenters, HVAC Technicians/Installers, Inside Electricians, Limited Energy Technicians, Limited Maintenance Electricians, Manufacturing Plant Electricians, Millwrights, Plumbers, Sheet Metal Workers

	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest	Academic Advising Contact
Automotive Technology	(LIOI)	010	1 11	Z 11	<i>V</i>	area	AdvTechPrograms@lanecc.
Aviation Maintenance Technician				~	~		edu AdvTechPrograms@lanecc. edu
Construction Manage- ment						~	AdvTechPrograms@lanecc.
Construction Technology			~		V		AdvTechPrograms@lanecc. edu
Construction Trades, General Apprenticeship			~		~		AdvTechPrograms@lanecc. edu
Diesel and Automotive Technology						V	AdvTechPrograms@lanecc. edu
Diesel Technology				~	~		AdvTechPrograms@lanecc. edu
Drafting			V		V		AdvTechPrograms@lanecc. edu
Electrician Apprentice- ship Technologies			V		V		AdvTechPrograms@lanecc. edu
Fabrication and Welding Technology			~		~		AdvTechPrograms@lanecc. edu
Flight Technology					~		AdvTechPrograms@lanecc. edu
Industrial Mechanics and Maintenance Tech- nology			~		V		AdvTechPrograms@lanecc. edu
Limited Electrician Apprenticeship Technologies		V					AdvTechPrograms@lanecc. edu
Manufacturing Techni- cian 1		V					AdvTechPrograms@lanecc. edu
Manufacturing Techni- cian 2		V					AdvTechPrograms@lanecc. edu
Manufacturing Technol- ogy					~		AdvTechPrograms@lanecc. edu
Manufacturing Technology: Computer Numerical Control Technician Option					V		AdvTechPrograms@lanecc. edu
Shielded Metal Arc Welder		V					AdvTechPrograms@lanecc. edu
Welding Processes			V				AdvTechPrograms@lanecc. edu
Wire Drive Welder		V					AdvTechPrograms@lanecc. edu

SCIEN	ICE, NAT	TURAL F	RESOUR	CES, MA	ATH, AN	ID ENGI	NEERING
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contact
Animal Sciences						~	Sci-MathPrograms@lanecc. edu
Agriculture Sciences						~	Sci-MathPrograms@lanecc. edu
Biochemistry						~	Sci-MathPrograms@lanecc. edu
Biology						~	Sci-MathPrograms@lanecc. edu
Botany						~	Sci-MathPrograms@lanecc. edu
Chemistry						~	Sci-MathPrograms@lanecc. edu
Crop and Soil Science						~	Sci-MathPrograms@lanecc. edu
Earth, Ocean and Atmo- spheric Sciences						~	Sci-MathPrograms@lanecc. edu
Energy Management Technician					~		Sci-MathPrograms@lanecc. edu
Energy Management Technician: Building Controls Technician Option					~		Sci-MathPrograms@lanecc. edu
Engineering						~	Sci-MathPrograms@lanecc. edu
Engineering Technolo- gies						V	Sci-MathPrograms@lanecc. edu
Environmental Science						~	Sci-MathPrograms@lanecc. edu
Environmental Studies						~	Sci-MathPrograms@lanecc. edu
Fisheries and Wildlife Science						~	Sci-MathPrograms@lanecc. edu
Forestry						~	Sci-MathPrograms@lanecc.
Geology						~	Sci-MathPrograms@lanecc. edu
Horticulture						V	Sci-MathPrograms@lanecc. edu
Human Physiology						~	Sci-MathPrograms@lanecc.
Mathematics						~	Sci-MathPrograms@lanecc.
Microbiology						~	Sci-MathPrograms@lanecc.
Natural Resources						~	Sci-MathPrograms@lanecc.
Physics						~	Sci-MathPrograms@lanecc.
Science General						~	Sci-MathPrograms@lanecc.
Sustainability Coordinator					~		Sci-MathPrograms@lanecc. edu

Water Conservation Technician			V		Sci-MathPrograms@lanecc. edu
Zoology				V	Sci-MathPrograms@lanecc. edu

SOC	IAL SCI	ENCES,	SOCIAL	. SERVIC	ES, AN	D EDUC	ATION
	Certificate (LTOY)	Certificate CPC	Certificate 1-Yr	Certificate 2-Yr	AAS	Transfer interest area	Academic Advising Contac
Anthropology						~	SocSci-LLCPrograms@ lanecc.edu
Community Health Worker		~					SocSci-LLCPrograms@ lanecc.edu
Criminal Justice					~	~	SocSci-LLCPrograms@ lanecc.edu
Criminal Justice: Juve- nile Corrections			V				SocSci-LLCPrograms@ lanecc.edu
Early Childhood Edu- cation			~		~	~	SocSci-LLCPrograms@ lanecc.edu
Early Childhood Teacher Aide 1		~					SocSci-LLCPrograms@ lanecc.edu
Economics						~	SocSci-LLCPrograms@ lanecc.edu
Education (Elementary)						~	SocSci-LLCPrograms@ lanecc.edu
Education (Secondary)						~	SocSci-LLCPrograms@ lanecc.edu
Ethnic Studies						~	SocSci-LLCPrograms@ lanecc.edu
Geography						~	SocSci-LLCPrograms@ lanecc.edu
Guidance and Curric- ulum		~					SocSci-LLCPrograms@ lanecc.edu
History						~	SocSci-LLCPrograms@ lanecc.edu
Human Development						~	SocSci-LLCPrograms@ lanecc.edu
Human Services					~	~	SocSci-LLCPrograms@ lanecc.edu
Infant and Toddler		~					SocSci-LLCPrograms@ lanecc.edu
International Studies						~	SocSci-LLCPrograms@ lanecc.edu
Law (pre-professional)						~	SocSci-LLCPrograms@ lanecc.edu
Liberal Studies						~	SocSci-LLCPrograms@ lanecc.edu
Philosophy						~	SocSci-LLCPrograms@ lanecc.edu
Political Science						~	SocSci-LLCPrograms@ lanecc.edu
Psychology						~	SocSci-LLCPrograms@ lanecc.edu
Public Policy Adminis- tration						~	SocSci-LLCPrograms@ lanecc.edu
Religious Studies						~	SocSci-LLCPrograms@ lanecc.edu

Social Science (General)			~	SocSci-LLCPrograms@ lanecc.edu
Social Work and Counseling (pre-professional)			~	SocSci-LLCPrograms@ lanecc.edu
Sociology			~	SocSci-LLCPrograms@ lanecc.edu
Women's and Gender Studies			~	SocSci-LLCPrograms@ lanecc.edu

Policies and Procedures

Definitions

Academic Requirements Review Committee The Academic Requirements Review Committee is commissioned to act in an advisory capacity to the Vice President for Academic and Student Affairs on the subject of academic rules and regulations for Lane Community College. Part of the responsibility of the committee is to ensure that a high academic standard is maintained. The Academic Requirements Review Committee will not accept petitions solely for the purpose of improving a Grade Point Average or other cosmetic reasons. Typically, the Academic Requirements Review Committee meets once during fall, winter and spring terms to review student petitions. However, meetings may be held as needed throughout the year. Examples of petitions that will be considered by the Academic Requirements Review Committee include:

- substitutions to requirements for AAOT, AS, or AGS degrees
- · waiver of requirements for AAS degrees and certificates

Academic Requirements Review Committee petitions are available from Enrollment and Student Financial Services at *lanecc.* edu/esfs/enrollment-services-forms and are processed by completion specialists

Academic Standards and Probation A student who does not achieve satisfactory academic progress (SAP) according to administrative regulations will be placed on academic probation. Students on academic probation will be encouraged to meet with a counselor or advisor. Students who are on academic dismissal will need to seek the help of a counselor or advisor for readmission to the college. See Academic Standards and Alert System in the index.

Attendance Instructors will announce the attendance policy for each class. Students entering late who may have missed this announcement should contact the instructor for the attendance rules. Students are required to be in attendance during the first week of class. Through Lane's No Show Drop Procedure, students must attend at least one full class session during the first week of the class and for online classes participate in at least one meaningful class activity. Failure to comply will result in the instructor notifying the academic department to process a "No Show Drop." College instructors may allow visits to one or two class sessions at their own discretion. For more than two visits by the same individual, the written approval of the appropriate department chair/director is required.

Students will be held accountable for attending each class in which they have enrolled. A grade or a withdrawal notation will be assigned for each class unless the student drops the course during the refund period.

Class Schedule The quarterly class schedule is available on the web at *lanecc.edu* about one week before registration begins. Registration usually begins the fourth week of the preceding term except fall term, which occurs the preceding spring term.

Transfer Credits Students are encouraged to use the Transfer Tool (lanecc.edu/esfs/general-information-transferring-credits) in order to see how credits from other institutions transfer to Lane. Transfer information is updated regularly; some transfer partners will have more extensive listings than others. Students may request an instructional department review of transfer course work. Please provide an unofficial copy of your transcript showing the grade received and a course syllabus from the academic year you completed the course to the instructional department.

Miscellaneous Training and Credit Credit also may be granted for military training as listed on the ACE/AARTS report or work completed at regionally accredited schools. Institutions that are not regionally accredited may be reviewed using the Credit-by-Assessment process.

Cooperative Education Cooperative education provides students the opportunity to learn on-the-job while earning college credit for the experience.

Students enrolled in co-op receive help locating part-time and full-time jobs and internships, guidance about career expectations and demands, instruction in resume preparation and job interviewing skills, and financial benefit from paid positions. Unless prior approval is received from the Cooperative Education Division Dean, students must enroll in a minimum of three credits of co-op per term.

Course A course is any class or subject (e.g., English Composition WR 121, Biology BI 101) for which a student may register.

Course Numbers Course numbers at Lane help students identify which courses count toward degrees and financial aid.

- Credit courses have a course ID that consists of a prefix of letters that identify the subject area followed by digits that identify the level of the course. In the example of WR 121, WR identifies the subject of writing and the 100-level number identifies it as a first year college-level course. All credit courses, including pre-college courses, may count toward the minimum course load for financial aid, provided the student meets financial aid criteria.
- Honors Courses span a range of disciplines and topics. Honors
 courses are designated with _H following the course ID, e.g.
 Anth 102_H. Any Lane student can enroll in an honors course or
 request the honors option for courses designated as honors

option classes. Admission into the Lane Honors Program, however, requires a formal application. For more information, visit lanecc.edu/honors.

- Developmental credit courses have numbers below 100.
 Pre-college courses may be required as prerequisites to college-level courses or as part of a career technical certificate or applied degree. Developmental courses do not transfer to a four-year institution.
- College-level transfer credit courses count toward completion
 of a degree or certificate and are generally accepted for transfer
 by other institutions.
- Career technical credit courses count toward Associate of Applied Science degrees or certificates. With some limits, career technical courses may count as electives for transfer degrees. Career technical courses are not automatically accepted for transfer by other institutions. See the index Career Technical course prefixes.
- Noncredit courses have numbers in the format XART 5785. The "X" before the discipline in the prefix and the four-digit numbers identify the course as noncredit. Noncredit course offerings are listed and described each term in the class schedule. Under the state's definition, a noncredit course "does not offer college credit for completion and generally cannot be used as part of a credit based degree or certificate program. No assessment of learning generally takes place." Noncredit courses will not be counted for financial aid, and will not transfer to another institution.

Credits Credits are granted in recognition of work successfully completed in specific courses. The average load for a full-time student is 12-15 credits per quarter. Part-time students carry fewer than 12 credits per quarter.

Credit Hour Credit granted at Lane is in terms of quarter hours, since Lane is on a quarter-system calendar. Three quarter hours are equal to two semester hours.

One credit hour equates to approximately thirty hours of student involvement over the quarter. For lecture classes, this means ten hours of instruction and twenty hours of preparation on the student's part. For lab classes, thirty hours in the lab are required per credit.

Classroom Hours There are 12 classroom hours per lecture (credit) hour, 24 classroom hours per lecture/lab (credit) hour and 36 classroom hours per lab (credit) hour.

Graduation Ceremony There is one college graduation ceremony held each year in June. See the Academic Calendar on page 2. All graduates and prospective graduates for the year are invited to attend and bring their friends and relatives. Contact Student Life and Leadership Development for ceremony details.

Since grades have not yet been recorded at the time of graduation, it is not known at that time whether students have completed their programs. Students receive one empty binder during the graduation ceremony. The actual parchments are mailed after degree/certificates have been verified, in ten to twelve weeks. Students applying for degrees or certificates and completing their programs fall or winter terms will receive their degrees earlier in the year. There is a \$10 fee for duplicate or additional copies of diploma parchment.

The names of students in the graduation ceremony keepsake brochures reflect those who have earned a degree or certificate summer, fall and winter terms. Those who have been cleared to graduate spring term, pending successful completion of classes will have their names published, as well. Students participating in the ceremony graduating after spring term will have their names published in the next year's brochure.

Students who do not attend the graduation ceremony may pick up a binder at the Student Life and Leadership office anytime after the graduation ceremony.

myGrad Plan Lane students may view their progress toward degree and certification completion in myLane under the myGradPlan tab.

Oregon Transfer Module OTM designation will be posted in the student's transcript upon completion.

Direct Transfer Evaluation Direct transfer evaluation is done by Counseling when a student is in transit to another institution. Unofficial copies of transcripts may be used. Students must take copies of transcripts to Counseling for their review of transfer course work.

Enrollment and Student Financial Services Building 1, First Floor, 541.463.3100, (877) 520-5391, or TTY 541.463.4722

Processes online admissions, provides registration and billing assistance to all students.

Financial Aid Building 1, First Floor (Lobby), 541.463.3400

Financial Aid responds to all questions and issues regarding financial aid.

Full-Time Student A full-time student is anyone carrying 12 or more credit hours per term at Lane. The Social Security Administration defines full-time as 12 or more credit hours per term. Veterans are required to carry 12 credit hours per term to receive full benefits. In most cases, students receiving scholarships are required to complete 12 credit hours per term.

Half-Time Student A half-time student is anyone carrying between six and 11 credits hours per term at Lane. It is important to know that the definition of a half-time student varies with different institutions. Also, it is important to know that a majority of student loans require a student be registered for at least six credits or more per term.

Honor Lists* Lane honors students who achieve high academic standards. Honor list requirements are:

- President's List:A student must complete a minimum of 12 graded (A,B,C,D,F) credit hours with a term GPA of 4.00.
- Vice President's List: A student must complete a minimum of 12 graded (A,B,C,D,F) hours with a term GPA of 3.55 through 3.99.
- * Notated on official transcripts

Hybrid A course combining traditional classroom activities with online learning so that time spent in the classroom is reduced but not eliminated. Hybrid courses have traditional class sessions, but some classroom hours are replaced by online interactions, assignments and projects. The ratio of classroom activities and online interactions in hybrid courses may vary, but the expectation is that each credit will require approximately 33 hours of student involvement during the quarter, including class time, homework, research projects, studying for exams, online work in hybrid courses, or other out-of-class activities. Hybrid sections of a course are coded with hyb in the term schedule and technical requirements for class participation are clearly explained in notes in the schedule.

"L" Number (User ID) Lane provides all students with a computer generated "user ID" for myLane. This number begins with an uppercase "L" followed by eight digits. The "L" number used with a PIN number will give students access to their student information in myLane, including registration, account payments, schedules, grades, and financial aid information. Refer to each term's class schedule for information about obtaining an "L" number.

myLane Lane Community College students use web registration on myLane. Using the web, students register for classes from any computer connected to the Internet. For information about myLane, visit Lane's website at *lanecc.edu*.

Program A Career Technical program is state approved curriculum arranged to provide career technical training leading toward an Associate of Applied Science degree or certificate of completion. The courses required for each program are listed under Programs in this catalog.

Student Grades Students access term grades through myLane. See the section on grades in each term's class schedule for more

information on grade availability. An unofficial copy of student grades can be printed from myLane for advising purposes. Students can request an official transcript through myLane or in person from Enrollment and Student Financial Services for a \$5 transcript fee plus an additional \$5 rush service fee for each transcript requested.

Term A term, or quarter, is approximately an eleven-week period of study. The academic year is summer term through the end of spring term with fall, winter and spring terms being the primary terms. Summer term begins the third week of June and lasts until the second week of September and consists of several sessions. Fall term begins the last week of September and lasts until mid-December. Winter term begins around the second week of January and lasts until approximately the middle of March. Spring term begins the last week of March and lasts until the middle of June. (See the academic calendar in the front of the catalog.)

Procedures

Lane publishes regulations in addition to those in this catalog (class schedule, course syllabus, etc.). Students are responsible for knowing these regulations.

Schedule Changes Students may change their schedule after their original registration by using myLane. The deadline to make schedule changes (adds/drops, pass/nopass, audit options) to full-term classes is midnight Friday of the eighth week of the term. A "full term" is 11 to 12 weeks. Exceptions to this are classes that begin and end at times other than the first and last week of the term. Contact Enrollment and Student Financial Services for deadline information for classes shorter than 11 weeks. Students who drop classes after the first week of the term (refund period) will have a withdrawal notation recorded for the class.

Students registered in variable credit courses may add or drop credits through midnight Friday of the last week of classes (before finals week begins).

Dropping Classes When a student does not attend classes, it is the student's responsibility to drop the classes using myLane. To drop from classes, use myLane by midnight Friday of the eighth week of a full-term class.

No Show Drop Students will be administratively withdrawn for **nonattendance** or failure to meet prerequisites. Instructors have the right to administratively withdraw/drop students who do not attend at least one class session of all class meetings the first week of the term. This period coincides with the refund period. Significant changes to the No Show Drop went into effect fall 2014. Refer to lanecc.edu/esfs/administrative-withdrawals 2014 for complete details.

Do not assume that an instructor will administratively drop you from your class. Students are still responsible for dropping classes they do not plan to attend by using myLane. To receive a refund of paid tuition or a cancellation of tuition not yet paid, students must complete the drop procedure within the refund period. If the class is not dropped during the refund period, the student is responsible for paying the tuition and fees even if he or she did not attend the class. Students who plan to remain enrolled but have attendance difficulties during the first part of the course should notify the instructor to avoid administrative withdrawal.

Prerequisites Not Met Students enrolled in classes for which they do not have prerequisite skills, test scores, or courses may be administratively withdrawn prior to the start of the term or after grades have been submitted for the previous term.

Social Security Number

Generally, social security number disclosure is voluntary. The college no longer uses social security numbers as a student identification number. Refer to Enrollment and Student Financial Services for further information.

Lane provides all students with a nine digit "L" number as user ID for myLane. This number begins with an uppercase L followed by eight computer generated numbers. A student's "L" number with a PIN (personal ID number) will be used for myLane functions.

Students who apply for financial aid must supply their social security number on the Free Application for Federal Student Aid (FAFSA). For web access on myLane, financial aid students will be able to use their "L" number and PIN.

Disclosure Statement

Required for use in collecting social security numbers See OAR 581-41-460(2)

Department of Community Colleges and Workforce Development Revised, January 2001

Providing your social security number is voluntary. If you provide it, the college will use your social security number for keeping records, doing research, reporting, extending credit, and collecting debts. The college will not use your number to make any decision directly affecting you or any other person. Your social security number will not be given to the general public. If you choose not to provide your social security number, you will not be denied any rights as a student. Please refer to the Disclosure Statement listed under the social security heading in your class schedule which describes how your number will be used. Providing your social security number means that you consent to the use of your number in the manner described. You must provide and accurate Social Security number to be eligible for a 1098-T.

On the back of the same form, or attached to it, or in the schedule of classes, the following statement shall appear:

OAR 589-004-0400 authorizes Lane Community College to ask you to provide your social security number. The number will be used by the college for reporting, research and record keeping. Your number also will be provided by the college to the Oregon Community College Unified Reporting System (OCCURS), which is a group made up of all community colleges in Oregon, the State Department of Community Colleges and Workforce Development, and the Oregon Community College Association. OCCURS gathers information about students and programs to meet state and federal reporting requirements. It also helps colleges plan, research and develop programs. This information helps the college support the progress of students and their success in the workplace and other education programs. OCCURS and the college may provide your social security number to the following agencies or match it with records from the following systems:

- state and private universities, colleges and vocational schools, to find out how many community college students go on with their education and to find out whether community college courses are a good basis for further education
- Oregon Employment Department, which gathers information, including employment and earnings, to help state and local agencies plan education and training services to help Oregon citizens get the best jobs available
- Oregon Department of Education, to provide reports to local, state and federal governments used to learn about education, training and job market trends for planning, research and program improvement
- Oregon Department of Revenue and Collection agencies only for purposes of processing debts and only if credit is extended to the student by the college

State and federal law protects the privacy of student records. Social security numbers will be used for the purposes listed above.

Student Records/Enrollment and Student Financial Services Student Records maintains and processes academic records for Lane. This includes but is not limited to online applications for admission, transfer institution transcripts, course substitution forms, grade change forms, student identification documentation, evaluations, and degree/certificate applications. Progress Review petitions are processed through Enrollment and Student Financial Services along with registration and graduation records, refund petitions, and probation/dismissal documentation.

Except for the Lane transcript record and current registration, most of this material is archived digitally for all Lane students. Lane transcripts are available on myLane for current students. Most records will be kept indefinitely. If you are a former student and do not know your identification number, you may order your transcripts through the National Student Clearinghouse at studentclearinghouse.org.

Release of Records In accord with Federal Law (The Family Education Rights and Privacy Act, Public Law 93-380) "FERPA", students may see and review all official records, files, and data pertaining to themselves with these exceptions: confidential financial information reported by the parent/guardian unless the parent/guardian has explicitly granted permission for the student's review; and medical, psychiatric, or similar records used for treatment purposes. Access to a student's own records will be provided as early as possible, but no longer than 45 days from the time of the student's official request.

A student may challenge the content of a record that she or he considers inaccurate, misleading or in violation of the student's privacy or other rights. If such a challenge is not resolved with the custodian of the records, the student has the right to an appeal. Further information is available in the Enrollment and Student Financial Services/Student Records Office.

Release of Records/Student Information Per a federal privacy law, called the Family Educational Rights and Privacy Act of 1974 (FERPA), the college has identified "directory" information that can be released without the student's written permission. The following information is considered "directory information" and may be released without written permission from a student:

- Student name(s)
- Dates of attendance (not daily)
- Degree program/major field of study
- Honors
- · Enrollment status (half-time/full-time only)
- Date of graduation
- · Participation in official activities/sports
- Most recent previous school attended
- Weight/height of athletic team members

If you do not want this "directory" information released, you must access the student information release links within myLane. Completing this process will place a confidential block indicator on your records at lane. This block will:

- When you call Lane, the person answering will say "There is no information available on that person"
- · If you come for service in person, you will be asked for a photo identification to verify your identity
- Your name will not appear on honor roll listings or in the graduation booklets
- When employer or other individuals use the National Clearinghouse service to verify attendance or degrees, your information will not be available

If you would like some individuals to access limited information such as your account information, you may also use the Student Information Release process within myLane to provide Lane with a password that you can share with others. Individuals with these passwords must offer these when contacing Enrollment and Student Financial Services and the password must match exactly what you have provided. We can not assist individuals without this password or without having the exact amount owed given.

Information necessary to determine student eligibility for athletic participation and for financial aid granted by state or federal agencies which provide a student's tuition will be released for those purposes only. This may include term schedules, grades, credit hours of enrollment, and past academic records. A written request from the aid-granting agency is required.

Transcript Records Official transcripts may be ordered using myLane at lanecc.edu, or through the National Student Clearinghouse at studentclearinghouse.org. The fee is \$5 per transcript through myLane and \$7.25 through the National Student Clearinghouse. Official transcripts can also be requested via mail by providing name, student identification number, period of enrollment, where the transcript is to be sent, student's signature and payment of the \$5 fee per transcript ordered.

No other person may receive a copy of the student's transcript or undertake to pick it up for the student unless the student authorizes release of records in writing. Transcripts mailed to other colleges may be ordered via myLane, by mail or in person at Enrollment and Student Financial Services.

The college reserves the right to withhold official transcripts from students who owe monies to Lane. If an official transcript is requested by a student who owes monies, the student is notified that there is a balance owing and given information on how to resolve the issue.

Transfer Transcripts If a student has taken course work at another college that applies to a program at Lane, the student must see that Enrollment and Student Financial Services receives an official (sealed) transcript of that work. Only official transcripts from regionally accredited U.S. institutions and international institutions with an evaluation agency will be considered. Once received, transcripts become the property of Enrollment and Student Financial Services. Lane cannot provide anyone, including the student, a copy of a transcript from another school. Students should order a copy from their transfer institution for their personal use. Students wishing to have transfer work evaluated must submit the online transcript evaluation form at lanecc.edu/esfs/request-transcript-evaluation.

Courses from other schools and colleges are never part of a student's Lane Community College transcript. Transfer institutions may be noted on the Lane transcript. Such records are not required for admission to Lane, but may be required for financial aid, veterans' reporting, admission to a special program, or meeting a course prerequisite.

Grades At the end of each term, grades are recorded and made available to students using myLane. Unofficial advising transcripts also may be printed from myLane.

Grade Changes If an error has been made in recording or reporting grades, the instructor may initiate a grade change. If a student believes an error occurred, the student should contact the instructor. If the number of credits is increased or a course is added, the additional tuition, fees and any other charges will be charged to the student's account and the student will be billed at current tuition rates. Late add fees may be applied. Refer to class the schedule for more information. If the student owes money to Lane, the added grade will not be processed until the balance is paid in full.

Grades and Notations The following grades and notations are recorded on transcripts and grade records at Lane:

1999

Grade	Points	Definition
Α	4.0	Excellent Performance
В	3.0	Good Performance
С	2.0	Satisfactory Performance
D	1.0	Less than Satisfactory Performance
F	0.0	Unsatisfactory Performance
+ or -		Plus or minus 0.30 points, effective July 1,

Р	0.0	Pass (equal to A- thru C-)
NP		No Pass (D and below)
I		Incomplete

U Incomplete

W Withdrawal (Prior to 1991)
Y No Basis for Grade (Prior to 1997)
NC** Not Completed (no credit)

XN Enrolled
EN Enrolled
CM Completed
NCM Not Completed
XCG Conversion Grade

Immediately following the grade:

Credit By Assessment or CEU By Assessment
 Academic Renewal (not calculated in cumulative GPA)
 Withdrawal after Refund Deadline (no grade recorded)
 Repeated Course Points earned not included in the cumulative grade point average (GPA)

Credit by Exam or CEU By Exam

Please Note: @ Credit by Assessment and ~ Credit by Exam are limited to 25 percent of a degree or certificate. Students may do more than 25 percent, but only 25 percent may be used toward requirements.

Grade Point Average (GPA):Included in GPA computation are grades of A+, A, A-, B+, B, B-, C+, C, C-, D+, D, D-, and F. Grades of P are included in earned credit, but not in GPA credit. I, NC, Y, U, *, EN, and W are considered administrative marks rather than grades and have no effect on a student's earned credit or GPA credit. The grades included in the computation have the following weights:

A+	= 4.30	B+	= 3.30	C+	= 2.30	D+	= 1.30
Α	= 4.00	В	= 3.00	С	= 2.00	D	= 1.00
A-	= 3.70	B-	= 2.70	C-	= 1.70	D-	= 0.70
						F	= 0.00

The total points for a class are calculated by multiplying the points for the grade times the credits for the class. The GPA is then computed by adding all GPA credits, adding all points, and dividing the total points by the total credits. Example:

	credits	grade	points			
BA 226-Business Law	3	Α	12			
PE 170-Beginning Tennis	1	В	3			
EL 115-Effective Learning	3*	0*				
FE 207 Coop Ed	2	C+	4.60			
TOTAL GPA Credit	6	TOTAL POINTS	19.60			
$19.60 \div 6 = 3.264 \text{ GPA}$						

^{*} Points are not included in calculation, because of P grade. Total credits earned in this example are nine.

Term GPAs are calculated using grade points earned only during that term. Cumulative GPA is calculated using all grade points from all terms.

Plus (+) and Minus (-) grades Issuing a "+" or "-" is at the instructor's discretion. Students with questions regarding an instructor's grading policy, must contact the instructor.

NC (**No Credit**)Issuing a "NC" is at the instructor's discretion when the instructor believes the student has not participated enough in the class to earn a grade. It is not meant to and should not be used to replace an "F" grade or an "I."

Academic Progress Standards and Alert System The college has a responsibility to help credit students achieve their educational goals. To meet this responsibility, the college tracks students' progress and provides assistance to students who, for whatever reason, do not meet the college's minimum Academic Progress Standards (APS). These standards are different from the Financial Aid Satisfactory Academic Progress Standards (SAP) lanecc.edu/finaid/satisfactory-academic-progress and apply to all students.

Academic Progress Standards (APS) Academic Progress Standards are based on academic performance for each term. Students are required to attain a minimum GPA of 2.0 and complete at least 67% of attempted credits each term.

Special Note: Attempted credits include all credits a student is enrolled in at the beginning of the second week of the term, after the Refund Deadline. Refund deadlines for summer terms can vary. Check the Refund Schedule *lanecc.edu/esfs/refund-drop-schedule-change-deadline-information* for details.

Term	GPA	Completion Rate	Academic Standing	Intervention
1st	Less than 2.0	Less than 67%	Alert 1	Requires completion of Keys to Success Workshop (online) accessed on your Moodle page
2nd	Less than 2.0	Less than 67%	Alert 2	Requires Keys to Success Workshop (in-person) lanecc.edu/counseling/ keys-success-workshop
3rd	Less than 2.0	Less than 67%	Alert 3	Requires enrollment in College Success: Back On Course (1 credit) lanecc.edu/counseling/ keys-success-workshop
4th	Less than 2.0	Less than 67%	Dismissal	Requires out for two terms a completed petition to re- turn lanecc.edu/counseling/ keys-success-workshop

Petitions to return to Lane Students who do not meet the Academic Progress Standards for a fourth term will be dismissed from college credit classes and programs for a minimum of two academic terms. To be reinstated, students will submit a completed Petition to Return to Lane available at the Alert 4 Information Session and on the Alert 4/Dismissal Moodle site. Petitions must be turned in a minimum of six weeks prior to the beginning of the academic term the student wants to return.

Pass/No Pass When a P/NP option has been selected, the instructor still grades on the regular ABCDF system. If the instructor records an A+ or A, the student will receive the A+ or A grade and it will be calculated in the Grade Point Average (GPA). If the grade is A-, B+, B, B- or C+, C, C-, the student will receive a grade of P. If the grade is D+, D, D- or F, the student will receive a grade of NP. Pass and No Pass grades are not calculated in the student's GPA. A P/NP option must be chosen in myLane by the end of the eighth week of the term for full-term classes. Information on limitations is listed with the individual degree and certificate outlines.

Audit The audit option allows the student the right to sit in the class, but the instructor has no obligation to grade or record the student's work. The only grade or mark granted is U (audit). An audit option may be requested during registration and through the eighth week of the term for full-term classes. Audit rates are the same as the tuition rates. The audit counts as an attempted credit.

Request for Incomplete A student and instructor may fill out a Request for Incomplete form when a student has completed satisfactorily 75 percent or more of the work in a course, but is unable to finish the remaining required, scheduled work due to circumstances beyond the control of the student (serious illness, death in family, and natural disaster are common examples). Some departments may establish a work completed guideline other than 75 percent. An incomplete is not used to avoid a failing grade in a course, or when the remaining scheduled work is not time convenient for the student. A Request for Incomplete is a contract between the student and the instructor which indicates the work to be finished, the time limit within which the work must be completed, and the grade earned if the work is not completed. A student does not need to reregister to finish course work the next term. Sitting in

^{**} Note: The NC grade is scheduled for possible elimination. Review current status at lanecc.edu/copps/documents/grades-definition.

on a class without registering is a violation of college policy. General college policy limits the time for finishing an Incomplete to one year, but the instructor may require a shorter time period. An Incomplete that is over one year old must be approved by the Vice President before it can be changed to a grade with the exception of the grade earned if the work is not completed. When the work has been completed and given to the instructor for evaluation, it is the instructor's responsibility to see that a grade change form is sent to Student Records, changing the student's record from Incomplete to the grade earned. If no grade change form is received from the instructor, the grade remains an Incomplete or the instructor may assign a grade if the work is not completed. If the instructor with whom the student completed the Request for Incomplete form is no longer available, the department may assign someone else to evaluate the work and complete the change of grade.

Petition to Absolve for Repeated Courses A student can have the grade points removed from the cumulative grade point average if the first grade was B, B-, C+, C, C-, D+, D, D- or F and the class has been repeated at Lane. A course can be retaken only once for this purpose. If a course is retaken more than once, only the oldest course credits will be removed from the grade point average under this policy. The repeated course credits must all be taken in one term at Lane, be taken for a letter grade, and must be equal to or greater than the number of credits completed in the original course.

Upon completion of a course, a student can exercise this option by filling out a Request to Absolve Repeated Courses from the Cumulative Grade Point Average form. The form is available in myLane under the Enrollment tab. The Student Records Office will mark the student's record, noting the repeated course, and remove the credits and grade points of the original course from the cumulative grade point average. The original course and grade will remain on the student's transcript. This cannot be reversed once it is applied to the student's record.

NOTE: Many institutions will not recognize Petition to Absolve process when calculating a GPA for admission purposes.

Student Policies and Complaint Procedures

Lane Community College policies and procedures are subject to change without prior notice.

Board Policies Directly Affecting Lane Students

Student Services—Global Directions BP720

With respect to interactions with learners, the president shall assure that procedures and decisions are safe, respectful and confidential.

Accordingly, the president shall assure that:

- The institution represents itself accurately and consistently to prospective students through its catalogs, publications and official statements.
- 2. Admissions information forms avoid eliciting information for which there is no clear necessity.
- 3. Methods of collecting, reviewing, transmitting, or storing information about learners will be protected against improper access in compliance with federal and state regulations.
- Facilities provide a reasonable level of privacy, both visual and aural.
- 5. The college environment is welcoming and accepting to all learners.
- Learners have a clear understanding of what may be expected from the services offered.
- Learners are informed of their rights and responsibilities and are provided a process to address grievances.

8. There is adequate provision for the safety and security of learners.

Harassment Policy BP630

Lane has a zero tolerance policy regarding all forms of harassment. Any proven harassment will result in immediate and appropriate action to stop the harassment and prevent its recurrence, including employee discipline consistent with collective bargaining agreements, or student sanctions. Remedial action will be designed to stop the harassing behavior. Any remedial action will be in keeping with the educational mission of the college. Whether or not the alleged harassing behavior is sufficiently severe or pervasive to be judged a violation of this policy, the college may take action to address a complainant's concerns and to ensure that Lane, as a workplace and as an academic institution, maintains a respectful environment. All forms of harassment, including student- to-student harassment, are covered by Lane's harassment policies. Incidents of harassment may bring about sanctions up to and including termination of employment or expulsion from the college.

Sexual Harassment

Sexual discrimination in the form of sexual harassment is prohibited. Sexual harassment is defined as unwanted sexual advances, requests for sexual favors, and/or other verbal, written, visual, or physical sexual conduct that makes the terms or conditions of employment contingent on the acceptance of unwanted sexual advances, that negatively affects employment or educational opportunities, or that creates an intimidating, hostile, or offensive environment for one of the parties.

Harassment Based on Race/Ethnicity or National Origin

Harassment based on race, ethnicity or national origin is defined as unwelcome verbal, written or physical conduct based on a person's actual or perceived race, ethnicity or national origin that unreasonably interferes with an individual's work or academic performance, adversely affects the targeted individual's or others' work or learning opportunities, or creates an intimidating, hostile or offensive environment.

Possession of Firearms BP410

No person, including students, employees, college patrons and vendors may bring, possess, conceal, brandish, use or be in possession of a firearm, destructive device, or other dangerous weapons as defined by law, or give the appearance of being in possession on college-owned or controlled property or at activities under the jurisdiction or sponsorship of the college, except as provided by ORS 166.370 and federal law. As authorized by ORS 659A.001(4), the exceptions provided by state and federal law do not apply to Lane employees while engaged in work activities. Permitted exceptions include use in conjunction with approved instructional demonstration.

Use of Intoxicants and Controlled Substances BP420

No person may bring onto college property or into any collegeowned facility or to any college-sponsored class or activity any intoxicating beverage, controlled substances, volatile inhalants, for the purpose of mind or mood alteration, except in the situations specified in this policy. No person may appear on college property or in any college-owned facility or in any college-sponsored class or activity under the influence of any of the above mentioned substances.

Exceptions to this policy are as follows:

- 1. Alcohol may be used/served
 - a. for cooking and/or instructional purposes in food preparation labs or classes related to the science and/or service of alcohol; or
 - b. at college-sponsored activities using procedures specified in administrative rules; or
 - c. at college activities catered by legally licensed and insured

- businesses or agencies, using procedures specified in administrative rules (see *lanecc.edu/copps/documents/alcoholic-beverages-campus*); or
- d. under no circumstances shall alcohol be served at collegesponsored activities to underage minors as defined by state law
- With appropriate documentation, medical marijuana, prescription opiates, or other psychoactive medications, may be used as legally prescribed by a licensed practitioner. However, according to statute, marijuana may not be ingested on campus even with a medical marijuana card.
- Glue and thinners may be used in class-related lab environments and in facilities construction and maintenance.

Admissions for Credit Students PB705

Lane Community College accepts all students who are 18 or over or have a high school diploma or GED. Students who are under 18 and have not graduated may still attend if they follow the guidelines for Under 18 Students. Under no circumstances shall an applicant who is otherwise qualified be denied admission or given a preference for admission to the college based on an individual's race, color, national origin, sex, age, marital status, familial relationship, sexual orientation, gender identity, pregnancy, mental or physical disability, religion, expunged record, veterans' status or association with any member of these protected groups.

Tuition BP725

In order to maintain a constant tuition rate relative to inflation, each December, the board will adjust the per credit tuition rate to reflect changes in an appropriate index for two-year public colleges since the last tuition adjustment. The rate will be rounded to the nearest half-dollar and become effective the following academic year (summer term).

For adjustments:

Periodically and as needed, the board will review Lane's tuition rates to ensure: a) that tuition revenues are appropriate for the needs of the district and, b) that Lane's tuition is comparable with other Oregon community colleges that are similar to Lane in terms of student FTE and instructional programs. Prior to approval of the tuition increase, the board will review the index options, affordability and access for students, and the revenue requirements of the college.

Student Complaint Procedures and Accommodations

Lane Community College is committed to providing a respectful working and learning environment that is free from discrimination, harassment and retaliation. Lane Community College is committed to equal opportunity, affirmative action, cultural diversity and compliance with the Americans with Disabilities Act. The college prohibits discrimination in admissions, employment and access to college programs, activities and services. Sexual harassment and other conduct which creates a hostile, intimidating or offensive environment is prohibited by the college.

For assistance, support or help in resolving problems or information about complaint procedures, please contact the following people:

Harassment

- Coordinator, Women's Center, Bldg. 1/Rm. 202, 541.463.5353
- Barbara Delansky, Student Life and Leadership, Bldg. 1/ Rm. 206, 541.463.5337
- Mark Harris, Counseling, Bldg. 1/Rm. 226, 541.463.5178
- Jim Garcia*, Multicultural Center, Bldg. 1/Rm. 201, 541.463.5144
- Jerry deLeon*, Counseling, Bldg. 1/Rm. 103A, 541.463.5870

Employment Discrimination

 Dennis Carr, Human Resources, Bldg. 3/Rm. 114, 541.463.5585

Disability Issues

- Student disability accommodations, assistance and disability related problems: Center for Accessible Resources, Building 1, Room 218, 541.463.5059, TTY Relay: 711
- Problems with access to Lane's facilities: Todd Smith, Interim Director, Facilities Management and Planning, Building 7, Room 204B, 541.463.5566
- Employee workplace accommodations: Sharon Daniel, Human Resources, Building 3, Room 114, 541.463.5589
- Disability related complaints/Section 504 Coordinators: Center for Accessible Resources, Building 1, Room 218, 541.463.3010, TTY: 711 (student and program issues); Dennis Carr, Human Resources, Building 3, Room 114, 541.463.5585 (staff and employment issues)
- Student rights, responsibilities and conduct: Kerry Levett, Executive Dean of Student Affairs, ASA, second floor, Administration Building, 541.463.5732, Barbara Delansky, Student Life and Leadership, Building 1, Room 206, 541.463.5337.
- For any other issues, including those covered by board of education policy, use the student complaint process. For copies of the complete student code and complaint process and for more information, visit or call the Office of Academic and Student Affairs, second floor, Administration Building, main campus, phone 541.463.5732.

Substance Abuse Statement

In keeping with the intent of U.S. Public Law 101-226, Section 22: Drug-Free Schools and Campuses, it is Lane's obligation to inform you of the health risks associated with use of various illicit drugs and abuse of alcohol. Any substance used through needle-sharing increases risk of AIDS and Hepatitis B.

Type of Drug and Possible Health Risks

Stimulants Speed up action of central nervous system. (A.) Amphetamines ("speed," "crank," "uppers")heart problems; paranoia; death. Affects fetus. (B.) Cocaine ("coke," "crack")confusion; physical tolerance; dependency; damage to lungs and nasal membranes; heart problems; paranoia; convulsions; death. Affects fetus.

Depressants Relax the central nervous system. (A.) Barbiturates ("downers"). (B.) Tranquilizers (valium, librium). (C.) Methaqualone ("ludes")confusion; loss of coordination; tolerance; dependency; seizures, coma; death. In combination with alcohol, especially dangerous.

Cannabis Alters perception and mood. (A.) Marijuana ("grass," "pot"). (B.) Hashish lung damage; dependence; tolerance; confusion, loss of coordination; decreased sex drive.

Hallucinogens Distort reality. (A.) Lysergic Acid Diethlamide ("LSD," "Acid"), Mescaline, MDA, MDMA, DMT, STP, Psilocybinhallucinations; panic; tolerance; "flashbacks"; possible birth defects in user's children. (B.) Phencyclidine ("PCP," "Angel Dust")depression; irrational behavior; confusion; convulsions; hallucinations; coma; death.

Narcotics Lowers pain perception. (A.) Heroin. (B.) Morphine. (C.) Codeine. (D.) Opiumlethargy; apathy; loss of judgment and self-control; tolerance; dependence; convulsions; coma; death.

Deliriants Mental confusion. (A.) Aerosol products (B.) Lighter Fluid (C.) Paint Thinner and other Inhalantsdamage to brain, lungs; convulsions; death.

Alcohol A sedative drugtolerance; dependence; depression; coma; death. Alcohol abuse is linked to cancer, heart and liver damage. Fetal alcohol syndrome.

^{*} bilingual in Spanish

School Policy

For Student Code of Conduct, including drug and alcohol violations and sanctions, see code above.

State Laws

The trend in the State of Oregon is toward stiffer drug penalties. The following describes the penalties for POSSESSION of key drugs:

- Schedule I Class B Felony (heroin, LSD, marijuana, others)Max. prison time is 10 years. Max. fine is \$100,000.
- Schedule II Class C Felony (amphetamine, cocaine, morphine)
 Max. prison time is 5 years. Max. fine is \$100,000.
- Schedule III Class A Misdemeanor (other stimulants, some depressants)Max. prison time is 1 year. Max. fine is \$2,500.
- Schedule IV Class C Misdemeanor (valium-type tranquilizers, others)Max. prison time is 30 days. Max. fine is \$500.
- Schedule V Violation (dilute mixtures, compounds with small amounts of controlled drugs)No max. prison time. Max. fine is \$1,000.

Delivery of less than 5 grams or possession of less than one ounce of Marijuana is a violation. Oregon HB 2479 established mandatory evaluation, education and treatment services for those under 18 years old. If services are successfully completed, the charge will be dropped. Oregon also has strong new laws allowing cars, boats, etc., that transport illegal drugs to be seized and forfeited.

Alcohol is an illegal drug for those under 21 years of age. For drivers under 18, ANY detectable amount of alcohol (above .00 BAC) is grounds for losing their license until they are 18.

There are many more laws pertaining to alcohol and other drugs. This is a sample to demonstrate that the penalties for illegal drug involvement are real, and criminal conviction may bar a student from his or her chosen career path.

Where to Get Help

For help or more information, contact the Substance Abuse Prevention Office, Building 1, Room 226, 541.463.5178. Counselors are available to any student who may be experiencing alcohol/drug problems. Contact or referral can also be made through Counseling or the Health Clinic. Besides offering support, assessment and referral, these counselors have information on community treatment programs, support groups, private counselors as well as information regarding Lane's on-campus 12-step meetings (A.A., N.A., ALANON, etc.). Students also can call "INFO LINE" at 541 342-4357 for referral suggestions. Lane offers classes on addiction and related topics. See class schedule index under "drugs." In addition, the Substance Abuse Prevention program conducts weekly support groups, classes and seminars to interested students.

Student Rights and Responsibilities and Student Code

Student Rights and Responsibilities

I. Freedom of Access to Higher Education

Lane Community College is open to all persons who are qualified according to its admission and good standing requirements.

Anyone age 18 or older may enroll. No high school diploma is necessary. Individuals younger than 18 may attend if they complete and submit the "Under 18 Students Parent/Guardian form" or if they have already received their high school diploma. Community education classes generally are open to anyone 16 or older.

Under no circumstances will an applicant be denied admission to the College because of age; sex; race; color; religion; physical or mental disability; national origin; marital status; sexual orientation; gender identity; pregnancy; veteran's status; familial relationship; expunged juvenile record; association with anyone of a particular race, color, sex, national origin; nor will preference for admission be based on economic status.

A. Financial Aid

A student applying for or receiving financial aid has the right to know:

- · The financial aid assistance available
- The procedures and deadlines for applying
- · The cost of attendance
- The criteria used in awarding aid and how financial need is determined
- · The terms and conditions of any aid accepted
- · How and when aid will be disbursed
- · The College's refund policy
- · The repayment consequences of withdrawing from the College
- How satisfactory academic progress is evaluated and what happens if it is not maintained
- · How to appeal decisions concerning aid

A student applying for or receiving financial aid has the responsibility to:

- · Complete applications accurately and on time
- · Read and follow instructions when submitting information
- · Read and retain copies of all signed forms
- Choose an academic program and understand the requirements for such program
- · Comply with the terms of any Federal Work Study job accepted
- · Maintain satisfactory academic progress

For more information about financial aid, go to lanecc.edu/finaid

B. Admissions

The College will be open within budgetary limitations to all applicants who are qualified according to its admission requirements. Students who enroll for high school or alternative school credit must comply with the Oregon Compulsory School Attendance Laws. While previous academic status at other institutions will not constitute criteria for denial of admission, not every program is open to every student. Priority to enter classes of limited enrollment will be given to in district students who have finished high school and/or are at least 18 years of age. However, the College will assist each student to develop a program of study which meets his or her individual needs and is consistent with feasible College operation. The College is committed to equality of opportunity, affirmative action, and nondiscrimination in admissions. No applicant shall be denied admission to the college because of protected class status.

C. Financial Responsibility

It is the student's responsibility to pay monies owed the college in a timely manner. The College's policies regarding payment of tuition and fees are described in the term schedule as well as the College catalog.

II. Evaluation Criteria

A. Academic

Lane Community College instructors will encourage free discussion, inquiry and expression where relevant and appropriate to the educational objectives of the course. It is the instructor's responsibility to publish educational objectives and to make available to each class the criteria to be used in evaluating student success in that class. It is the responsibility of the students to become aware of these objectives and criteria as published and set forth by the College. Student opinions and behavior outside of class will not be the basis for determining class grades unless such evaluation is specifically related to course requirements.

B. Protection of Freedom of Expression

Students are responsible for learning the substance of any course of study for which they are enrolled. However, students are free to state any reasoned exception to data or views offered in any course of study and to reserve judgment about matters of opinion.

C. Protection Against Improper Academic Evaluation

Students have protection through orderly procedures against unfair academic evaluation. Students' grades will be based solely on academic achievement, unless otherwise specified by the professor in writing at the first class meeting. Complaints about class requirements and grades must first go through the instructor and the department division dean. Students may appeal grades received by following the Grade Appeals process. Grade appeals are filed with the Academic Requirements Review Committee. Contact Enrollment and Student Financial Services, Building 1, 541.463.3100.

D. Protection Against Improper Disclosure

Information which staff acquire in the course of their work as instructors, advisors and counselors about student views, beliefs and political associations should be considered confidential. Protection of the student against improper disclosure is a serious staff obligation.

E. Accommodations for Access

Center for Accessible Resources is committed to providing opportunities to all students with disabilities in order for them to have meaningful access to College programs and services in a barrier-free environment.

Lane's Center for Accessible Resources offers advocates for the removal of attitudinal and architectural barriers, and provides inclass accommodations, advising, resource/referral information, and adaptive equipment. These services are available to students with disabilities who are attending credit courses, Adult Basic Education, and Continuing Education classes on any of the LCC campuses. Students must request services at least two weeks in advance.

F. Academic Dishonesty

Students are expected to conduct their academic affairs in a forthright and honest manner. In the event that students are suspected of classroom cheating, plagiarism or otherwise misrepresenting their work, they will be subject to due process as outlined in the Student Code of Conduct.

G. Standards of Academic Progress

Lane Community College has established standards for academic progress which are applicable to all students. Failure to maintain satisfactory academic progress will result in loss of financial aid progressive alerts and eventual dismissal from the College.

H. Complaint Procedures See Student Policies and Complaint Procedures.

I. Additional Rights of Petition and Appeal

For grade and academic appeals process, contact Enrollment and Student Financial Services, Building 1, 541.463.3100.

III. Student Records

Lane Community College will abide by federal and state regulations regarding the privacy of student records and comply with the law regarding access procedures. The condition of access to records is set forth in explicit statements.

Transcripts of academic records contain only information about academic status. Information from disciplinary or counseling files will not be available to unauthorized persons on campus or any person off campus without the express written consent of the student involved, except under legal compulsion or in cases where the safety of persons or property is involved. Administrative staff

and faculty members will respect confidential information about students which they acquire in the course of their work.

With regard to official documents and student records, information acquired by Lane Community College employees about a student's views, beliefs, and political associations is confidential and is not to be disclosed unless required by state or federal law. All student records will be maintained in strict compliance with state and federal regulations and Lane personnel procedures defining privacy and confidentiality.

IV. Student Affairs

The College has the responsibility and obligation to establish certain standards in order to preserve the freedom of students.

A. Freedom of Association

Students will be free to organize and join associations to promote their common interests as long as they do not disrupt the College or violate its rules and regulations.

- Procedures for recognition of student organizations Students who would like to start a new organization, or to join an existing organization should contact the ASLCC (student government) offices for information. The process is simple and, once student groups receive official recognition from ASLCC, they are eligible to reserve space on campus, conduct activities, and co-sponsor events.
- Advisors All student organizations must have a staff advisor.
 Upon approval of the Associate Dean, any Lane staff member is eligible to serve as advisor for student organizations.
- Non-discrimination policies Student organizations must abide by existing College and ASLCC policies and may not restrict membership or participation in events.
- 4. A recognized club or organization may lose its official recognition and be suspended if actions of its officers or members, or activities of the organization as a whole, violate College policy and procedures.

B. Freedom of Inquiry and Expression

Students and student organizations will be free to examine and discuss all items of interest and to express opinions publicly and privately. Students will always be free to support causes by orderly means, in ways which do not disrupt the operation of the institution or violate College policies and procedures.

C. Use of Facilities

The facilities and services of the College will be open to all of its enrolled students, provided the facilities and services are used in a manner appropriate to the academic community and in compliance with College procedures. The Student Life and Leadership Development Office reserves table space and assists student organizations in scheduling space with the College.

D. Student Participation in College Policies

Students are free to express their views, individually and collectively, on issues of institutional policy and on matters of general interest to the student body. Student representatives are welcome on College committees and councils, and the ASLCC president represents student interests to the Board.

E. Student Publications

With respect to student publications, the Media Commission, as established under board policy, shall be responsible for the appointment of editors, dismissal of editors for cause, recommendation of policies, professional advice, and informal guidance.

The Media Commission is the board of first appeal and review for all questions concerning publications policy and operation. Final appeal is through the President and then the Board.

The student press is to be free of censorship and advance approval of copy. The editors and managers shall not be arbitrarily suspended, suppressed or intimidated because of student, student government, employee, alumni, or community disapproval of editorial policy or content. Similar freedom is assured for oral statements of views on College-controlled and/or student-operated radio or television stations and student-produced programs. This editorial freedom entails a corollary obligation under the canons of responsible journalism and applicable regulations of the Federal Communications Commission.

Neither the Commission nor the President is involved in day-to-day decisions or operations of the student media. Responsibility for the content of publications and for compliance with established policies rests with the student editors and their staffs. Editors and their staffs are guided by the Professional Standards of the Oregon Code of Journalistic Ethics, and by state and federal laws. Advisors are not responsible for content of student publications.

Guidelines for the Media Commission shall be contained in administrative rules and procedures.

F. Distribution of Literature

First Amendment freedom of the press is applicable to the campus of Lane Community College. Therefore, students, off-campus publications, and the distribution of these publications are protected on the main campus and outreach centers. Distribution may be restricted only if it can be shown that such activity would cause a disturbance or disruption of normal College activities.

Materials to be posted require authorization for such distribution from the Associate Dean, Student Life and Leadership Development. Once authorized, distribution will take place in the prescribed locations on campus, should not disrupt the normal operation of the institution, and should not cause a litter problem.

In case a student, employee, or organization is denied the right to distribute materials on campus, the decision is subject to appeal. All appeals or complaints are subject to the College complaint procedure.

The College reserves the right to designate specific areas for the distribution of printed materials. A listing of these areas is maintained by the Associate Dean, Student Life and Leadership Development on the main campus and by the designated building administrator at each of the following outreach centers: Downtown Campus, LCC at Florence and LCC at Cottage Grove.

G. Visiting Speakers

The College has the responsibility to develop informed, critical, and objective thinking; and such thinking can best be encouraged in an atmosphere assuring a free interchange of ideas. Therefore, Lane Community College students may invite to the campus and hear any person(s) of their choosing in compliance with administrative regulations governing scheduling, publicity, and management of campus activities.

The education of students is not limited to classroom activities. Students have the right to hear a variety of outside speakers. The Student Activities Office and ASLCC are the primary program sources for outside speakers. Individual students or student organizations may request that ASLCC sponsor speakers or may contact Student Activities about other possibilities. All outside speakers must be scheduled through the Student Activities Office to insure that there is proper scheduling of facilities and other preparations for the event and that the event is conducted in an orderly manner appropriate to the academic community. Institutional control of campus facilities will not be used to censor activities. Sponsorship of guest speakers may be withheld if there are reasonable concerns that the controversial nature of the speaker or content of the speech would lead to disruptions on campus. It is the responsibility of the

students sponsoring the event to make it clear to the campus community and the local community that all views expressed are not necessarily those of the students, staff or administration of Lane Community College.

H. Grievance Procedures for Alleged Discrimination or Harassment

Students who feel they have been discriminated against or treated in some unfair manner have access to grievance procedures: The Student Code of Conduct, Student Complaint Procedure, and the Student Sexual Misconduct and Harassment Procedure. These procedures are available on the college's website, myLane, and Org-Sync. Contact Office of Academic and Student Affairs, 541.463.5732.

V. Discipline

The Student Code of Conduct and the student conduct process apply to the conduct of individual students and all College affiliated student organizations. For the purposes of student conduct, a student (a) is enrolled as a student and/or registered for one or more credit hours including dually enrolled students in multiple institutions; (b) is enrolled in a non-credit program or (c) was enrolled under (a) or (b) within four proceeding terms is considered a "Student" for purposes of the procedure or (d) if the person has submitted an application for admission, financial aid or any other service provided by the College that requires student status.

The Student Code of Conduct is not applicable to students enrolled only in College Now courses on their local high school campuses. Lane Community College reserves the right to clarify appropriate students to whom the Student Code of Conduct is applicable.

Students are required to provide identification such as a photo identification card or class schedule on demand to campus safety personnel, faculty or administrators.

Students deserve fair and equal treatment, so instructors, staff and administrators must employ discretion when initiating disciplinary actions and procedures. Action is warranted for protection of individuals, property and a positive learning climate.

Faculty members may dismiss a student from the class for the day for in-class behavior they judge to be disruptive or inappropriate. Such actions include, but are not limited to: racial, sexual or religious slurs; verbal or physical interruption; offensive language; chewing tobacco or spitting; smoking; and littering or creating unsanitary conditions. Dismissal as a result of faculty action is counted toward the maximum number of absences allowed in the class.

If a student is dismissed for inappropriate behavior, faculty may submit a written report to their Division Dean and to the Executive Dean, Student Affairs detailing the student's name, date and time of class, and the improper behavior.

Students may be dismissed only for the day of the misbehavior, but may be dismissed from subsequent classes for a new or repeated behavioral offense through the processes outlined in the Student Code of Conduct.

Campus Public Safety may be called to assist in any disciplinary situation. The assisting Public Safety officer must file a report on all situation involvement with the Office of Academic and Student Affairs.

Instructors, administrators and classified staff are authorized to employ physical restraint when immediate restraint will prevent injury to the student or others. Physical restraint is not considered a form of physical discipline. The instructor, administrator or classified staff should send a reliable person to the nearest telephone to request emergency assistance from campus safety.

VI. Off-Campus Students

Students enrolled at Lane Community College satellite campuses (Cottage Grove, Florence, Downtown Campus, and community outreach sites) will enjoy the same rights and responsibilities as the students at the main campus and must comply with the Student Code of Conduct and any additional rules for conduct which are specific to the site.

Student Code of Conduct

Lane Community College is a community learning institution committed to fostering a campus environment conducive to academic inquiry, a productive campus life, and thoughtful study and discourse. The student conduct program, within the Office of Academic and Student Affairs, is committed to an educational and developmental process that balances the interests of individual students with the interests of the College community.

A community exists on the basis of shared values and principles. At the College, student members of the community are expected to uphold and abide by certain standards of conduct that form the basis of the Student Code of Conduct. These standards are embodied within a set of Values that include integrity, social justice, respect, community, and responsibility.

Each member of the College community bears responsibility for their individual conduct and is expected to assume reasonable responsibility for the behavior of others. When members of the community fail to exemplify these five values by engaging in violation of the rules below, campus conduct proceedings are used to assert and uphold the Student Code of Conduct.

The student conduct process at Lane Community College is not intended to punish students; rather, it exists to protect the interests of the community and to challenge those whose behavior is not in accordance with the college's policies and procedures. Sanctions are intended to challenge students' moral and ethical decision-making and to help bring behavior into accord with community expectations. When a student is unable to conform their behavior to community expectations, the student conduct process may determine the student should no longer share in the privilege of participating in this community.

The purpose of this Student Code of Conduct is to protect the individual rights of students and employees and to control those actions that go beyond the exercising of such rights. The College recognizes its obligation to develop intellectual curiosity as well as social and cultural awareness. Further, Lane Community College responsibly provides for the safety and well-being of students and employees, property protection, record security, and other education-related services.

Through this Student Code of Conduct, Lane Community College describes conduct interfering with the responsibilities and obligations of the College. This document also outlines the penalties imposed for prohibited conduct and explains the procedural due process for alleged student violations and the protection of student rights.

Students should be aware that the student conduct process is quite different from criminal and civil court proceedings. Procedures and rights in student conduct procedures are conducted with fairness to all, but do not include the same protections of due process afforded by the courts. Due process, as defined within these procedures, assures written notice and a Student Conduct Conference before an objective decision-maker. No student will be found in violation of College policy or procedure without information showing it is more likely than not (preponderance of evidence) that a violation occurred, and any sanctions will be proportionate to the severity of the violation and to the cumulative conduct history of the student. This determination does not require a standard beyond a reasonable doubt, and the technical rules of evidence applicable to civil and criminal procedures shall not apply.

Students cited with code violation are entitled to due process as described in the code and may appeal certain consequences of violations.

NOTE: At the time of the catalog publication, the Student Code of Conduct was in the process of revision. The Student Code of Conduct can be found on the college's website, myLane, and OrgSync. For a written copy of the Student Code of Conduct, please contact the Executive Dean of Student Affairs, 541.463.5725.



Security and Safety at Lane

The Federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, requires colleges to publish information about crime on their campuses. A copy of Lane's Annual Security (Clery) Report is located at lanecc.edu/psd/clery-compliance-information or may be obtained in writing at the Public Safety office. At Lane, security and safety are college-wide efforts. With students, faculty and staff committed to prevention, crime can be minimized.

The Lane Community College Public Safety Department provides direct services to the 30th Avenue campus, Downtown Campus, and the Downtown Center. The Cottage Grove and Florence campuses, Lane's Aviation Academy, KLCC radio station, and the Willamette Dental Clinic receive investigative, training, prevention, and consulting services from Public Safety, but are primarily served by their local law enforcement agencies. Police departments in these jurisdictions also report incidents to the college's Public Safety department. Public Safety provides services at the Downtown Campus including the Titan Court residential facility 7 days a week. In order to contact a downtown officer, call 541.463.6267.

Lane Community College Public Safety Officers are certified under the Oregon Department of Public Safety Standards and Training. Officers maintain an atmosphere conducive to education, contribute to a safe campus environment, enforce parking and traffic regulations, conduct investigations of reported crimes, and share reports with other law enforcement agencies.

Public Safety officers are authorized to enforce motor vehicle and parking laws on campus. Officers are charged with responding to crimes, medical emergencies and violations of college policy/rules and may cite or arrest perpetrators of criminal acts or college policy violations. In addition, officers utilize law enforcement tools such as the Criminal Justice Information System, Law Enforcement Data System (LEDS).

Preventing Crimes

Education The majority of criminal incidents on campus result from leaving property unattended, lockers unlocked and valuable property visible in cars. The Public Safety department provides speakers on crime prevention, active shooter/violent actor response, self-defense, personal safety, sexual assault prevention and other criminal justice and safety topics.

Intoxicants Drugs and intoxicants are not permitted on campus, except under very specific circumstances, which are detailed in the Student Policies section. Special note: Marijuana use or possession in any form remains illegal on all of Lane Community College's campuses and properties.

Lighting and Landscaping College staff work constantly to maintain good lighting and to clear undergrowth to improve visual access on campus and prevent crime.

Patrol Service Public Safety conducts patrols of the campus by squad car, motorized T-3, bicycle, and by foot. This comprehensive patrol policy promotes community policing and crime prevention activities. In addition to patrol service, Public Safety works closely with the Lane County Sheriff's Department, Eugene Police Department, and federal agencies such as Homeland Security and the FBI.

Emergency Assistance

Public Safety Officers are always on duty (24/7/365) on campus. To contact Public Safety:

Red Telephones Use one of the 40 red telephones on main campus and at the Downtown Campus. These emergency phones automatically ring in the Public Safety department when the receiver is lifted

Blue Telephones There are a small number of "blue" emergency phones located in outside areas of the campus. These phones connect directly to Public Safety Emergency (5555).

All emergency phones are checked periodically to ensure that they function.

Dial 5555 On campus dial or ask a staff member to dial 541.463.5555 for emergencies from other college phones to reach Public Safety.

Non-emergency Dial 541.463.5558 for non-emergency calls.

Campus Elevators All call boxes in elevator cars connect to Public Safety Emergency (5555).

Emergency Car Services Emergency car battery packs are offered 24 hours a day. Call or visit Public Safety. Individuals must pick up the packs at Public Safety, Building 13, Room 107 and a valid photo ID is necessary for this free service. Public Safety does not assist in vehicle entry, but will assist in contacting local locksmiths or other help.

Emergency Escorts If your safety is threatened, contact Public Safety and an officer will be dispatched.

Reporting and Response

Anyone knowing of or suspecting a crime should promptly report it to Public Safety in Building 13, Room 107. When a suspect is apprehended, the suspect may be taken into custody, cited, issued an order to appear, or subject to other campus and court referrals. Public Safety Officers may also facilitate contact between the victim and other law enforcement agencies.

Services

In addition to direct law enforcement services and support, Public Safety will also make referrals to other appropriate campus offices to assist complainants and crime victims. These referrals include, but are not limited to: The Women's Center, the Title IX officer, Academic and Student Affairs, Veterans Resource Office, Human Resources, the Center for Accessibility Resources, and the Counseling Department.

Other Services Public Safety provides numerous other services including: criminal background checks, access control system assistance, electronic fingerprinting, dignitary protection, alarm monitoring and response, safety escorts, copies of accident reports, and personal safety instruction.

Public Safety is also the primary facilitator and supporter of a campus warming center. This center provides shelter and meals for any individual when the temperature drops to 30 degrees F or lower.

Public Safety also maintains the official campus lost and found service. Individuals who have lost or found property, should contact Public Safety at 541.463.5558 or stop by the Public Safety office.

Reported Crimes

The number of crimes reported to Public Safety and local law enforcement in the categories set forth in the Crime Awareness and Clery Act, as well as the complete campus Annual Security Report, may be found at the Public Safety web site: <code>lanecc.edu/psd/clery-compliance-information</code>.

For more information about Lane's Public Safety Department, contact 541.463.5558.

Career Technical Programs

To request this information in an alternate format please contact the Center for Accessible Resources at 541.463.5150 or accessibleresources@lanecc.edu.

Career Technical Programs

Accounting

Offered by the Business Department 541.463.5221

Associate of Applied Science Degree

Program Coordinator Chris Culver, 541.463.5153, *culverc@lanecc.edu*

Purpose To prepare graduates to enter the field of accounting.

Learning Outcomes The student who successfully completes all Accounting requirements will:

- anticipate and actively explore innovative solutions to technological and organizational challenges.
- apply critical thinking and analytical skills in decision-making and problem solving.
- formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.
- organize and manage the daily business functions of an organization.
- perform on the job in ways that reflect professional ethics, legal standards, and organizational expectations.
- · understand accounting as the "language of business".
- use computerized and manual systems to record data and prepare accounting statements and reports.
- use research and analytical skills to support the activities of the organization.
- use software including word processing, spreadsheets, and databases to input, manage, and interpret information to meet organizational needs.
- work independently within diverse business environments; apply individual strengths and critical thinking to collaborative efforts.
- create and present professional documents, work papers, and presentations for both internal and external users.
- apply accounting theory to analyze accounting information.
- understand and monitor the financial, tax, payroll, legal, and other compliance requirements for a variety of organizational entities.
- plan, budget, and evaluate financial performance.

Cooperative Education (Co-op) Co-op offers students graded college credit for on-the-job work experience related to educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for future job openings. Three credits of Co-op are required for the AAS degree. Additional Co-op credit is strongly recommended as an elective. Contact Jamie Kelsch, Accounting Co-op Coordinator, Bldg. 19, Rm. 253A, 541.463.5540, kelschi@lanecc.edu.

Job Openings Projected through 2020

Lane County openings - 23 annually

Statewide openings - 251 annually

Wages

Lane County average hourly - \$18.20; average annual - \$37,849 Oregon average hourly - \$19.12; average annual - \$39,756

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.

Books	\$3,528
Computers/Internet Service	\$1,500
Resident Tuition and General Student Fees	\$10,830

Total Estimated Cost \$15,858

Course Requirements

- An approved 3-credit Health class can be substituted for the PE requirements. Please speak with your academic advisor
- BT 020 must be taken for a letter grade, not P/NP
- Students must place at least into WR 121 or WR 121_H and MTH 095, or take classes to reach these levels before enrolling in program courses. Consult course descriptions for prerequisites on other courses.
- All program core courses (BA, BT) must be taken for a letter grade, and must be completed with a grade of "C" or better to meet program requirements. See course listings for prerequisites.
- Foundational Requirements (writing, math, communication and Health/Wellness/Fitness courses) may be completed with a grade of "C-" or a "Pass".
- Before enrolling in BT 120 MS WORD for Business or BT 123 MS EXCEL for Business, students are expected to have a basic knowledge of the Windows operating system and the ability to type 30 words per minute accurately.
- Before enrolling in BA 214 Business Communications, students must pass BT 108 Business Proofreading and Editing.

Prerequisites

l	Frerequisites	
	BT 108 Business Proofreading and Editing	4
	First Year	Fall
	CG 203 Human Relations at Work	3
	MTH 095 Intermediate Algebra or higher	5
	Physical Education Requirement	1
	BT 120 MS WORD for Business	4
	Choice of:	
	WR 121 Academic Composition	4
	WR 121_H Academic Composition-Honors	4
		Winter
	BA 101 Introduction to Business	4
	BT 165 Introduction to the Accounting Cycle	4
	BA 214 Business Communications	4
	BA 281 Personal Finance	4
		Spring
	BT 163 QuickBooks	4
	BT 206 Co-op Ed: Business Seminar	2
	Physical Education Requirement	1
	MTH 105 Math in Society or higher	4
		•
	Second Year	Fall
	BA 211 Financial Accounting	4
	BT 170 Payroll Records and Accounting	4
	BA 278 Leadership and Team Dynamics	4
	Communication Course	•
		Winter
	BA 226 Business Law	4
	BT 221 Budgeting for Managers	4
	BT 223 MS EXCEL for Business-Expert BT 230 Sustainable Paperless Office Practices using	4
	Adobe Acrobat	4
	Adobe Acrobat	•
ĺ	PT-000 P. (Spring
ĺ	BT 286 Professional Bookkeeping	4
ĺ	Physical Education Requirement	1
ĺ	BA 280AC Co-op Ed: Accounting	3
ĺ	DT 272 Tax concepts and Preparation	4

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Administrative Office Professional

Offered by the Business Department, 541.463.5221

Associate of Applied Science Degree

Career Pathway Certificate - Administrative Office Professional: **Customer Service**

Career Pathway Certificate - Administrative Office Professional: Office Software Specialist

Career Pathway Certificate - Administrative Office Professional: **Small Business Ownership**

Career Pathway Certificate - Adminsitrative Office Professional: **Legal Office Skills**

Program Coordinator Judy Boozer, Bldg. 19, Rm. 253C, 541.463.5765, boozerj@lanecc.edu

Purpose To train administrative office professionals for a wide variety of office support duties. They may handle correspondence, maintain electronic and manual files, assist with financial record keeping, operate a variety of office equipment, assist customers, answer telephones, act as a receptionist, perform general office duties, and use personal computers for internet research, word processing, and financial analysis. They are capable of assuming some executive decision-making responsibilities. This program provides the foundation necessary to prepare for the Certified Professional Secretary examination. Upon successful completion of the first year courses, students will be eligible for the Business Assistant One-Year Certificate of Completion.

Learning Outcomes The student who successfully completes all Administrative Office Professional requirements will:

- organize and manage the daily business functions of an organization.
- perform on the job in ways that reflect professional ethics, legal standards, and organizational expectations.
- · create professional, accurate documents.

business topics.

- anticipate and actively explore innovative solutions to technological and organizational challenges.
- provide basic training and technical support for office equipment and software systems.
- use research and analytical skills to support the activities of the organization.
- work independently within diverse business environments, apply individual strengths and critical thinking to collaborative
- make effective presentations to internal and external audiences.
- use appropriate library and information resources to research
- apply critical thinking and analytical skills in decision-making and problem solving.
- perform administrative, management, financial, and Web support functions using technology.
- apply and integrate advanced computer software applications to complete complex projects and documents.
- have enhanced employment opportunities based on selection of directed electives, such as accounting, legal, and medical.
- use communication, teamwork, and interpersonal skills for internal and external customer support.
- perform in office management level positions after additional office experience is acquired.
- understand accounting as the 'language of business'.
- formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.
- use good keyboarding skills to prepare documents quickly and accurately according to employer standards.

- use software including word processing, spreadsheet, database, and presentation tools to input, manage, and interpret information to meet organizational needs.
- engage customers and co-workers in a purposeful manner listening to and accurately interpreting their responses within diverse cultural contexts.

Cooperative Education (Co-op) Co-op offers students graded college credit for on-the-job work experience related to educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for future employment. Three credits of Co-op are required for the AAS degree. Additional Co-op credit is strongly recommended as an elective. Contact Jamie Kelsch, Administrative Office Professional Co-op Coordinator, Bldg. 19, Rm. 253A, 541.463.5540, kelschi@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 42 annually Statewide openings - 485 annually

Wages

Lane County average hourly - \$16.59; average annual - \$34,494 Oregon average hourly - \$17.46; average annual - \$36,308

Costs (Estimate based on 2016-17 tuition and fees, Consult Lane's website for updated tuition.)

ı	Books	\$3,190
	Computers/Internet Service	
ı	Resident Tuition and General Student Fees	\$11,144

Total Estimated Cost \$15,834

Course Requirements

- · Prerequisites are required for some courses. See course descriptions.
- All Business Department majors must have a computer that meets minimum system requirements. Contact the department or academic advisor for details.
- All program core courses (BA, BT, CS) must be taken for a letter grade, and must be completed with a grade of 'C' or better to meet program requirements. See course listings for prerequisites.
- Foundational Requirements (writing, math, communication and Health/Wellness/Fitness courses) may be completed with a grade of 'C-' or 'Pass'.
- Students must place at least into WR 121 or WR 121_H and MTH 065, or take classes to reach these levels before enrolling in pro-
- Before enrolling in BT 120 MS WORD for Business or BT 123 MS EXCEL for Business, students are expected to have a basic knowledge of the Windows operating system and the ability to type 30 words per minute accurately and key 130-132 strokes per minute.
- Before enrolling in BA 214 Business Communications, students must pass BT 108 Business Proofreading and Editing.
- The AOP program has graded keyboarding skill levels built into several courses. For details: lanecc.edu/business'/testing/ keyboarding-skill-competency-recommendations.

Prerequisites

BT 108 Business Proofreading and Editing	4
First Year	Fall
CG 203 Human Relations at Work	3
BT 120 MS WORD for Business	4
CS 120 Concepts of Computing: Information Processing	4
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition Honors	4
	Winter
BA 101 Introduction to Business	4

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

BT 123 MS EXCEL for Business	4
BT 165 Introduction to the Accounting Cycle MTH 065 Elementary Algebra or higher	2
<u></u>	Spring
BA 206 Management Fundamentals	3
BA 214 Business Communications	4
BT 144 Administrative Procedures	2
BT 163 QuickBooks	2
Second Year	Fal
PE/Health Requirement	rai
BA 224 Human Resource Management	3
BT 220 MS WORD for Business Expert	3
Communication Course	
Directed Elective	3-8
P	Winte
BA 226 Business Law	2
BT 230 Sustainable Paperless Office Practices using	-
Adobe Acrobat	4
Directed Elective	4-8
	Spring
BA 278 Leadership and Team Dynamics	4
BT 271 Administrative Office Professional Advanced Projects	2
Directed Elective	4-8
BA280AA Co-op Ed: Administrative Office Professional	3
Directed Electives	
Payroll	
BT 170 Payroll Records and Accounting	4
BT 221 Budgeting for Managers	2
BT 223 MS EXCEL for Business-Expert	4
Legal Office	
BA 211 Financial Accounting	4
LA 100 Legal ProceduresLA 101 Introduction to Paralegal Studies	2
LA 102 Legal Terminology	3
LA 105 Civil Litigation	3
LA 128 Legal Procedures 2	4
LA 132 Ethics for the Legal Professional	3
Medical Office	
HO 100 Medical Terminology 1HO 110 Health Office Procedures	3
Customer Service	
BA 223 Marketing	,
BT 181 Customer Service	
CIS 101 Computer Fundamentals	4
BA280CS Co-op Ed: Customer Service	3
Additional Electives	
BT 150 Business Web Pages with WordPress	3
BA 250 Small Business Management	/
BT 122 MS POWERPOINT for Business	3
CIS 125D Software Tools 1: Databases	4
BA 280AA Co-op Ed: Administrative Office	3
DUVI 112 IVIEGICAL INSURANCE PROCEGURES	

Administrative Office Professional: Customer Service

Offered by the Business Department 541.463.5221

Career Pathway Certificate

Program Coordinator LuAnne Johnson, Bldg. 19, Rm. 254B, 541.463.5767, *johnsonlm@lanecc.edu*

Purpose This Career Pathway Certificate is designed for individuals who are interested in employment or advance opportunities

in the various customer service fields. Students may find employment in call centers, customer service centers, or departments within businesses that have a significant customer service component.

Learning Outcomes The graduate of the Customer Service Certificate of Completion will be able to:

- utilize keyboarding and business software skills to help support customers.
- communicate in written and verbal forms to help serve customers.
- work effective as an individual and within teams to help meet customer needs.
- deliver effective initial customer service and promote customer satisfaction

Eall

	raii
Choice of:	
CIS 101 Computer Fundamentals	
CS 120 Concepts of Computing: Information	
Processing	4
CG 203 Human Relations at Work	3
	Winter
COMM 218 Interpersonal Communication	4
BT 120 MS WORD for Business	4
	Spring
Choice of:	
BA 280CS Co-op Ed: Customer Service	
BA 101 Introduction to Business	3-4
BT 181 Customer Service	4

Administrative Office Professional: Office Software Specialist

Offered by the Business Department, 541.463.5221

Career Pathway Certificate

Program Coordinator Judy Boozer, Bldg. 19, Rm. 253C, 541.463.5765,

boozerj@lanecc.edu

Purpose This Career Pathway Certificate of Completion is designed for professional office personnel who are interested in career enhancement, or for current Business students with office experience who wish to expand their software proficiency. In today's competitive job market, Office Software Specialist certification can bring employment opportunities, greater earning potential and career advancement, and increased job satisfaction.

Learning Outcomes The graduate of the Office Software Specialist Certificate of Completion will be able to:

- navigate the Windows operating environment.
- create, format, save, edit, paginate, and print documents.
- · create, run, and save macros.
- use cell, row and column, and worksheet formatting techniques to create professional-looking spreadsheets.
- use sophisticated Excel functions to perform sensitivity analysis to solve business problems.
- plan and develop a worksheet to solve complex business problems by using named cells and ranges, complex logical and nested logical functions, and relative, absolute, and mixed cell references in creating formulas and functions.
- work with arrays, iteration, multi-sheet data, form controls, look up functions, date and time functions, and math and statistical functions in a business problem-solving context.
- create presentations from a template, from existing slides, or by using the AutoContentWizard and apply appropriate design principles to design, create, and present an original slide show using PowerPoint software.

- customize color schemes, apply slide transitions and animation effects, create a custom background, add animated clip art, link slides within the presentation, resize and scale objects, add action buttons, hide slides, and set automatic slide timings.
- enter, edit, move, and delete information in established databases with accuracy.
- sort, index, and search databases, create custom forms and reports, link tables, and import/export information.
- create and apply character and paragraph styles, generate and update document indexes, tables of contents, and captions; demonstrate mastery in working with document sections, templates, and mail merge.

Course Requirements

- Prerequisites are required for some courses. See course descriptions
- All Business Department majors must have a computer that meets minimum system requirements. Contact the department or academic advisor for details
- All courses must be taken for a letter grade, and must be completed with a grade of 'C' or better to meet program requirements. See course listings for prerequisites
- The AOP program has graded keyboarding skill levels built into several courses. For details: lanecc.edu/business/testing/ keyboarding-skill-competency-recommendations
- Students must place at least into WR 121 or WR 121H and MTH
 065, or take classes to reach these levels before enrolling in program core courses. WR 121 or WR 121_H and MTH 065 must be
 taken for a letter grade, and must be completed with a grade
 of 'C-
- Before enrolling in BT 120 MS WORD for Business or BT 123 MS EXCEL for Business, students are expected to have a basic knowledge of the Windows operating system and the ability to type 30 words per minute accurately and key 130-132 strokes per minute

BT 120 MS WORD for Business	4
BT 122 MS POWERPOINT for Business	3
BT 123 MS EXCEL for Business	4
BT 220 MS WORD for Business Expert	3
BT 223 MS EXCEL for Business-Expert	4
BT 228 Integrated Office Applications	4
CIS 125D Software Tools 1: Databases	4

Administrative Office Professional: Small Business Ownership

Offered by the Business Department 541.463.5221

Career Pathway Certificate

Program Coordinator Judy Boozer, Bldg. 19, Rm. 253C, 541.463.5765, boozerj@lanecc.edu

Purpose This Career Pathway Certificate is designed for individuals who may want to own and operate a business in the near term or future. This includes, but is not limited to, trade and professional students, community members and former graduates with skills that are marketable in the business environment; individuals with skill sets that are commonly delivered in a freelancer or independent contractor capacity; and service providers, small retailers and food service providers that may potentially organize as a business.

Learning Outcomes The graduate of the Small Business Ownership Certificate of Completion will be able to:

- understand his or her motivations and the reality of owning a small business, and understand the legal implications of being a business owner.
- determine the appropriate type of business entity for various business endeavors, and understand, outline and evaluate the components of a business plan.
- use cell, row and column, and worksheet formatting techniques to create professional-looking spreadsheets for analyzing business decisions.

- use sophisticated Excel functions to perform sensitivity analysis to solve business problems.
- understand the role of accounting in planning, operating, and reporting an organization's activities and management's fiduciary responsibility to safeguard assets and be able to discuss the adequacy of internal controls.
- recognize how the major elements of the marketing process apply to small business marketing situations.
- design and utilize QuickBooks as a tool to efficiently meet an organizations accounting and tax compliance responsibilities.
- understand the link between accounting data and the underlying business reality, and use the accounting equation for analyzing business transactions and creating financial statements.
- understand the historical role and evolving trends in small business including: transitions to paperless environments, globalization, role of e-commerce, and sustainability.

	Fall
BA 101 Introduction to Business	
BT 123 MS EXCEL for Business	4
BT 165 Introduction to the Accounting Cycle	4
	Winter
BA 223 Marketing	
BA 226 Business Law	4
BT 221 Budgeting for Managers	4
BT 150 Business Web Pages with WordPress	3
	Spring
BA 206 Management Fundamentals	3
BA 250 Small Business Management	4
BT 163 QuickBooks	4

Adminsitrative Office Professional: Legal Office Skills

Offered by the Business Department, 541.463.5221

Career Pathway Certificate

Program Coordinator Business Department, Bldg. 19, Rm. 137, 541.463.5221

Purpose This Career Pathway Certificate of Completion is designed for those with office experience who wish to expand their options for employment in law-related business and government offices. It also prepares students for transfer into the second year of Umpqua Community College's AAS Degree in Paralegal Studies, which is offered completely online. Legal careers require criminal and personal background checks. The partnership between Lane and Umpqua allows students to work toward their Legal Office Certificate while at Lane, and if they choose to continue their education, they can transfer that certificate to Umpqua to begin second year classes of the AAS in Paralegal Studies. Federal regulations prohibit students from majoring in a degree not awarded from the institution they are attending. Please see your academic advisor to discuss major options while you are attending Lane. Federal regulations also prohibit receiving financial aid for the same term at more than one institution. Students who plan to transfer to Umpqua to pursue an AAS in Paralegal Studies will need to stop receiving financial aid from Lane and apply for financial aid from Umpqua when they transfer.

Learning Outcomes Students earning the Legal Office Skills Certificate of Completion will be able to:

- use and understand basic legal terminology and concepts.
- demonstrate an understanding of the role of lawyers in the legal system.
- demonstrate an understanding of the roles and duties of all levels of legal support personnel in the legal environment.
- prepare accurately formatted legal documents, letters, and pleadings and compose correspondence commonly used in legal settings.

- · draft basic pretrial documents.
- · demonstrate an understanding of pretrial and trial procedures.
- develop questions for gathering information and facts in preparation for trial.
- evaluate and practice rules of ethics as they would apply to civil litigation.
- demonstrate an understanding of ethics as they relate to confidentiality, competence, fees, billing, conflicts of interest, and UPL.
- demonstrate an understanding of the purposes and functions of court rules, schedules, and procedures.
- demonstrate a basic knowledge of requirements for recording and filing documents with the proper court offices.
- demonstrate an understanding of and use a variety of legal office systems including document management and calendaring.
- demonstrate an understanding of and practice basic functions of legal billings and timekeeping, client relations, and litigation support.
- use law library, computing and communication services to obtain legal forms, information, and data from regional, national, and international networks.
- work independently within diverse business environments; apply individual strengths and critical thinking to collaborative efforts.
- use research and analytical skills to support the activities of the organization.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All courses must be taken for a letter grade, and must be completed with a grade of 'C' or better or repeated to meet program requirements.
- Students are expected to have the ability to accurately type 40 words per minute before taking LA 100. The Business Department at Lane offers free placement tests to assist students in determining skill levels. Students who are unable to meet the minimum
- The LA course sequence is offered through Umpqua Community College Fall, Winter Spring and Winter, Spring, Summer.

	Fall
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition Honors	4
LA 100 Legal Procedures	4
LA 102 Legal Terminology	3
BT 108 Business Proofreading and Editing	4
	Winter
CS 120 Concepts of Computing: Information Processing	4
LA 101 Introduction to Paralegal Studies	3
LA 128 Legal Procedures 2	4
MTH 065 Elementary Algebra or higher	4
	Spring
Choice of:	
COMM 105 Listening and Critical Thinking	
COMM 218 Interpersonal Communication	
COMM 219 Small Group Discussion	4
BA 214 Business Communications	4
LA 105 Civil Litigation	3
LA 132 Ethics for the Legal Professional	3

Automotive Technology

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

Two-Year Certificate of Completion - Automotive Technology

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare the graduate for employment as an Automotive

Service Technician working at company-owned repair stations, fleets, independent garages, gas stations, or new car dealerships.

Learning Outcomes The graduate of the Associate of Applied Science degree or the Two-Year Certificate of Completion will:

- use automotive service resources to complete lab projects and become familiar with computer accessed information, internet accessed information and information available in print related to automotive repair.
- be able to perform computations for gear ratios, engine displacement, electrical circuits, power output, vehicle alignment angles, conversion between the metric system and standard system, and use of precision measuring tools.
- diagnose and repair current vehicles using advanced diagnostic tools and equipment.
- successfully complete ASE certification tests.
- · demonstrate and use industry safety standards.
- access library, computing, and communications services and obtain information and data from regional and national networks.
- interpret the concepts of a problem-solving task and translate them into mathematical equations.

Accreditation Automotive Technology, certified by the National Automotive Technicians Education Foundation, a non-profit foundation within the National Institute for Automotive Service Excellence

Admission Information lanecc.edu/advtech/at/admission-informationor contact the Advanced Technology Division, AdvTech-Programs@lanecc.edu

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Automotive Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits in AM 280 may be earned in lieu of required Automotive Technology course credits. Contact Chuck Fike, Automotive Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 21 annually

Statewide openings - 303 annually

Wages

Lane County average hourly - \$19.53; average annual - \$40,612 Oregon average hourly - \$19.95; average annual - \$41,499

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

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Books	\$1,257	
Differential Fees*	\$2,717	
Instruments/Tools	\$2,750	
Program Specific Fees	\$1,100	
Resident Tuition and General Student Fees	\$12,210	

Total Estimated Cost \$20,034

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

- All AM and MTH courses must be taken for a letter grade, not P/NP, and must be passed with a "C-" or better to fulfill program requirements.
- WR115W and the PE/Health requirements must be passed with a "C-" or better to fulfill program requirements.

- See course descriptions for prerequisite information.
- For choices in Foundational Skills and Discipline Studies, see AAS degree description.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

AM 245 Introduction to Hybrid Vehicles	
(optional elective)	4
First Year	Fall
MTH 085 Applied Geometry for Technicians	4
AM 243 Electrical and Electronic Systems	12
	Winter
AM 145 Engine Repair	12
WLD 121 Shielded Metal Arc Welding 1	4
PE/Health Requirement	3
	Spring
AM 147 Suspension and Steering	6
AM 149 Manual Drive Trains and Axles	6
WR 115W Introduction to College Writing: Workplace Emphasis	3
•	
Second Year	Fall
AM 246 Handing and Air Conditioning	8
AM 246 Heating and Air ConditioningCS 120 Concepts of Computing: Information Processing	4
Choice of:	4
Science or Computer Science Course	
ET129 Electrical Theory 1	4
	Winter
AM 244 Engine Performance	12
CG 203 Human Relations at Work	3
Choice of:	
COMM 100 Basic Communications	
COMM 105 Listening and Critical Thinking COMM 218 Interpersonal Communications	4
COMM 218 Interpersonal Communications	-
	Spring
AM 245 Introduction to Hybrid Vehicles	12
AM 245 Introduction to Hybrid Vehicles (optional elective)	4
AM 280 Co-on Ed: Automotive	3

Automotive Technology

Offered by the Advanced Technology Division, 541.463.5380

Two-Year Certificate of Completion

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare the graduate for employment as an Automotive Service Technician working at company-owned repair stations, fleets, independent garages, gas stations, or new car dealerships.

Learning OutcomesThe graduate of the Associate of Applied Science degree or the Two-Year Certificate of Completion will:

- use automotive service resources to complete lab projects and become familiar with computer accessed information, internet accessed information and information available in print related to automotive repair.
- be able to perform computations for gear ratios, engine displacement, electrical circuits, power output, vehicle alignment angles, conversion between the metric system and standard system, and use of precision measuring tools.
- diagnose and repair current vehicles using advanced diagnostic tools and equipment.
- successfully complete ASE certification tests.
- demonstrate and use industry safety standards.

- access library, computing, and communications services and obtain information and data from regional and national networks.
- interpret the concepts of a problem-solving task and translate them into mathematical equations.

Admission Information lanecc.edu/advtech/at/admission-informationorcontacttheAdvancedTechnology Division, AdvTechPrograms@lanecc.edu

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Automotive Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits in AM 280 may be earned in lieu of required Automotive Technology course credits. Contact Chuck Fike, Automotive Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 21 positions Statewide: 303 positions

Nages

Lane County average hourly - \$19.53; average annual - \$40,612 Oregon average hourly - \$19.95; average annual - \$41,499

Costs (Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$2,543 \$2,750 \$1,080
Resident Tuition and General Student Fees	\$10,920

Total Estimated Cost \$18,196

Gainful Employment Disclosure

49-3023.01

Standard Occupational Classification: 43-3023.01 Go to the Department of Labor's O*Net website for a profile of this occupation: Automotive Master Mechanics *Onetonline.org/link/summary/49-3023.01* Or check on these O*Net Related Occupations: Automotive Specialty Technicians *onetonline.org/link/summary/49-3023.02*

In academic year 2014-15, 9 students completed this certificate.

The program is designed to take 8 terms, or about 24 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

- All AM and MTH courses must be completed with a letter grade, not P/NP, and must be passed with a "C-" or better to fulfill program requirements.
- WR 115W and the PE/Health courses must be completed with a

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Pass or "C-" or better to fulfill program requirements.

- See course descriptions for prerequisite information.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

Prerequisites

AM245 Introduction to Hybrid Electric Vehicles (Optional Elective)	4
	-
First Year	Fall
AM 243 Electrical and Electronic Systems	12
MTH 085 Applied Geometry for Technicians	4
	Winter
AM 145 Engine Repair	12
WLD 121 Shielded Metal Arc Welding 1	4
	Spring
AM 147 Suspension and Steering	6
AM 149 Manual Drive Trains and Axles	6
PE/Health Elective	3
Second Year	Fall
AM 143 Brakes	8
AM 246 Heating and Air Conditioning	4
WR 115W Introduction to College Writing: Workplace	
Emphasis	3
	Winter
AM 244 Engine Performance	12
CG 203 Human Relations at Work	3
	Spring
AM245 Introduction to Hybrid Electric Vehicles	
(Optional Elective)	4
AM 242 Automatic Transmissions/Transaxles	12
AM 280 Co-op Ed: Automotive	3

Aviation Maintenance Technician

Offered by the Aviation Academy, 541.463.4195

Associate of Applied Science Degree

Two-Year Certificate of Completion - Aviation Maintenance Technician

Program Coordinator Stephen Boulton, Aviation Academy Director, Eugene Airport Campus, 541.463.4302, boultons@lanecc.edu

PurposeTo prepare technicians to repair and maintain the operating condition of aircraft, and qualify for Federal Aviation Administration (FAA) certification exams (written, oral and practical) for the airframe and powerplant airman certificate.

Learning Outcomes The student who successfully completes all Aviation Maintenance Technician requirements will:

- repair and maintain the operating condition of aircraft.
- pass the FAA written, oral and practical exams for licensing.
- · demonstrate and use industry safety standards.
- access library, computing, and communications services and obtain information and data from regional, national, and international networks.
- interpret the concepts of a problem-solving task and translate them into mathematics.

Accreditation Aviation Maintenance, approved under Part 147 of the Federal Aviation Regulations of the Federal Aviation Administration

Admission Information Contact Lane Aviation *Academy: lanecc. edu/aviationacademy Phone:* 541.463.4195 Email: *flight@lanecc. edu*

Advising and Counseling Aviation Maintenance Program Advisors are:

- Carolyn Litty: Office: Bldg. 12, Rm. 202, Phone: 541.463.5236, Email: littyc@lanecc.edu
- Trish Lytton, Phone: 541.463.5292 Email: lyttonp@lanecc.edu
- Claudia Riumallo: Office: Bldg. 12, Rm. 203, Phone: 541.463.5378, Email: riumalloc@lanecc.edu

Advisor Drop-in hours are updated weekly at: lanecc.edu/advtech/counselor-and-advisor-drop-hours

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Aviation Maintenance Co-op Coordinator and as approved by the FAA Liaison and Return to Service instructor, a maximum of six Co-op credits in AV 280 may be authorized in lieu of the final Return to Service course. Co-op may be taken summer term. Contact Chuck Fike, Aviation Maintenance Co-op Coordinator, Bldg. 19, Rm. 266 or Bldg 12, Rm 209, 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 5 annually

Statewide openings - 34 annually

Graduates may have many opportunities nationally.

Wages

Lane County average hourly - \$25.88 average annual - \$53,820 Oregon average hourly - \$27.18; average annual - \$56,537

Costs Estimate based on 2016-17 costs. All amounts are subject to change. See the online credit class schedule for the most current information.

Books	\$500
Certification, Licensure, Exams, Physicals	\$1,300
Instruments/Tools	\$2,100
Program Specific Fees	\$2,700
Resident Tuition and General Student Fees	\$12,573

Total Estimated Cost \$19,173

- See course descriptions for prerequisite and corequisite information.
- All AV and MTH courses must be taken for a letter grade, not P/ NP, and must be passed with a 'C-' or better to fulfill program requirements.
- WR and PE/Health requirement must be passed with a Pass or 'C-' or better to fulfill program requirements.
- MTH 060 and 065 or MTH 070 may substitute for MTH 075.
- MTH 075 or equivalent is a prerequisite but in any case must be completed before the end of the first year.
- MTH 085 (or higher math) must be taken no later than the second winter term.
- WR 115W Introduction to College Writing: Workplace Emphasis or higher writing is a prerequisite but in any case must be completed before the end of the Second Year.
- Foundational Skills (except MTH) and Discipline Studies are not required for two-year FAA Airframe and Powerplant airman's certificate exams.
- For choices in Foundational Skills and Discipline Studies, see AAS degree description.
- graduates may also transfer to a four-year university preparing for a professional degree.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Minimum placement score of 68 in Reading, completion of RD 080 or RD 087 and EL 115, or prior college. A high school diploma or equivalent is recommended for all applicants to this program. Procedures for crediting and guidelines for the determination of documented military or field experience are available through application with the FAA liaison.

MTH 075 Applied Algebra for TechniciansWR 115W Introduction to College Writing: Workplace	4
Emphasis	3
First Year	Fall
AV 192 General 101	6
AV 193 General 102	6
	Winter
AV 279 Airframe (Section 2)	6
AV 196 General 105	6
AV 194 General 103	6
PE/Health requirement	3
Science/Computer Science requirement	•
N/ 40= 0	Spring
AV 195 General 104	6 12
Second Year	Fall
Arts and Letters requirement	3
AV 281 Powerplant (Section 1 and 2)	3 12
AV 279 Airframe (Section 1)	6
7.0 2707	Winter
MTH 085 Applied Geometry for Technicians	4
AV 281 Powerplant (Section 3 and 4)	12
7. ZOTT OWOT PIUTE (OCCIOTI O UTIC 4)	Spring
AV 202 Payment Datum to Comica	Spring 6
AV 283 Powerplant Return to Service	6
AV 280 Optional elective Co-op Ed Av Maint 0 Credit(s)	U
Additional Electives	
0 17	
Second Year AV 280 Optional elective Co-op Ed Av Maint 0 Credit(s)	Spring

Aviation Maintenance Technician

Offered by the Lane Aviation Academy, 541.463.4195
Two-Year Certificate of Completion

Program Coordinator Chuck Fike, Aviation Maintenance Co-op Coordinator, Bldg. 19, Rm. 266 or Bldg 12, Rm 209, 541.463.5078, fikec@lanecc.edu

Purpose To prepare technicians to repair and maintain the operating condition of aircraft, and qualify for Federal Aviation Administration (FAA) certification exams (written, oral and practical) for the airframe and powerplant airman certificate.

Learning Outcomes The student who successfully completes all Aviation Maintenance Technician requirements will:

Admission Information Contact Lane Aviation

Academy: lanecc.edu/aviationacademy Phone: 541.463.4195 Email: flight@lanecc.edu

Advising and Counseling Aviation Maintenance Program Advisors are:

- Carolyn Litty: Office: Bldg. 12, Rm. 202, Phone: 541.463.5236, Email: littyc@lanecc.edu
- Trish Lytton, Phone: 541.463.5292 Email: lyttonp@lanecc.edu
- Claudia Riumallo: Office: Bldg. 12, Rm. 203, Phone: 541.463.5378, Email: riumalloc@lanecc.edu

Advisor Drop-in hours are updated weekly at: lanecc.edu/advtech/counselor-and-advisor-drop-hours

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Aviation Maintenance Co-op Coordinator and as approved by the FAA Liaison and Return to Service instructor, a maximum of six Co-op credits in AV 280 may be authorized in lieu of the final Return to Service course. Co-op may be taken summer term. Contact Chuck Fike, Aviation Maintenance Co-op Coordinator, Bldg. 19, Rm. 266 or Bldg 12, Rm. 209, 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 5 positions

Statewide: 34 positions

Graduates may have many opportunities nationally.

Wages

Lane County hourly average - \$25.88; annual average - \$53,820 Oregon hourly average - \$27.18; annual average - \$56,537

Costs Estimate based on 2016-17 costs and are subject to change. See the online credit class schedule for the most current information.

Books	\$500
Certification, Licensure, Exams, Physicals	\$1,300
Instruments/Tools	\$2,100
Program Specific Fees	\$2,700
Resident Tuition and General Student Fees	\$12,250

Total Estimated Cost \$18,850

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

49-3011.00

Standard Occupational Classification: 49-3011.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Aircraft Mechanics and Service Technicians *Onetonline.* org/link/summary/49-3011.00 Or check on these O*Net Related Occupations: Aircraft Structure, Surfaces, Rigging, and Systems Assemblers onetonline.org/link/summary/51-2011.00 Office Clerks, General onetonline.org/link/summary/43-9061.00

In academic year 2014-15, 15 students completed this certificate.

The program is designed to take 8 terms, or about 24 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 80% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$0.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

- See course descriptions for prerequisite and corequisite information.
- All AV and MTH courses must be taken for a letter grade, not P/ NP, and must be passed with a 'C-' or better to fulfill program requirements.

- MTH 060 and 065 or MTH 070 may substitute for MTH 075.
- MTH 075 is a prerequisite, but in any case must be completed before the end of the first year.
- MTH 085 (or higher) must be completed no later than the second winter term.
- WR and PE/Health requirement must be passed with a Pass or 'C-' or better to fulfill program requirements.
- WR 115W is a prerequisite and should be taken before the first year.

MTH 075 Applied Algebra for TechniciansWR 115W Introduction to College Writing: Workplace	4
Emphasis	3
First Year	Fall
AV 193 General 102	6
AV 192 General 101	6
	Winter
PE/Health Elective	3
AV 279 Airframe (Section 2)	6
AV 196 General 105	6
AV 194 General 103	6
	Spring
AV 195 General 104	6
AV 279 Airframe (Section 3 and 4)	12
Second Year	Fall
Human Relations requirement	3
AV 281 Powerplant (Section 1 and 2)	12
AV 279 Airframe (Section 1)	6
	Winter
MTH 085 Applied Geometry for Technicians	4
AV 281 Powerplant (Section 3 and 4)	12
	Spring
AV 283 Powerplant Return to Service	6
AV 282 Airframe Return to Service	6

Business Assistant

Offered by the Business Department, 541.463.5221

One-Year Certificate of Completion

Program Coordinator Business Department, Bldg. 19, Rm. 137, 541.463.5221

Purpose To train business and office assistants for a wide variety of duties. They may handle correspondence, maintain electronic and manual files, assist with financial record keeping, operate a variety of office equipment, assist customers, answer telephones, act as a receptionist, act as an accounts receivable or payable clerk, perform general office duties, and use personal computers for internet research, word processing, and financial analysis. This Certificate of Completion may fulfill the first year requirements of the Accounting and Administrative Office Professional Two-Year Associate of Applied Science degrees.

Learning Outcomes The graduate will be able to:

- · understand accounting as the language of business.
- engage customers and co-workers in a purposeful manner listening to and accurately interpreting their responses within diverse cultural contexts.
- work independently within diverse business environments; apply individual strengths and critical thinking to collaborative efforts
- organize and manage the daily business functions of an organization.
- use software including word processing, spreadsheets, databases, and presentation tools to input, manage, and interpret information to meet organizational needs.

- perform on the job in ways that reflect professional ethics, legal standards, and organizational expectations.
- · create professional, accurate documents.
- anticipate and actively explore innovative solutions to technological and organizational challenges.
- provide basic training and technical support for office equipment and software systems.
- use research and analytical skills to support the activities of the organization.
- formulate questions that can be addressed with data and collect, organize, and display relevant data to answer them.
- make effective presentations to internal and external audiences.
- use appropriate library and information resources to research business topics.
- apply critical thinking and analytical skills in decision-making and problem solving.
- use good keyboarding skills to prepare documents quickly and accurately according to employer standards.

Job Openings Projected through 2020

Lane County: 32 positions Statewide: 384 positions

Wages

Lane County average hourly - \$13.75; average annual - \$28,616 Oregon average hourly - \$14.15; average annual - \$29,443

Costs (Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$2,038
Computers/Internet Service	\$1,500
Resident Tuition and General Student Fees	
_	

Total Estimated Cost \$9.352

Gainful Employment Disclosure

43-6014.00

Go to the Department of Labor's O*Net website for a profile of this occupation: Secretaries and Administrative Assistants, Except Legal, Medical, and Executive *Onetonline.org/link/summary/43-6014.00* Or check on these O*Net Related Occupations: Receptionists and Information Clerks *onetonline.org/link/summary/43-4171.00* Office Clerks, General *onetonline.org/link/summary/43-9061.00*

In academic year 2014-15, 18 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 6% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$19,439.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

- See course descriptions for prerequisite requirements
- Students must place at least into WR 121 or WR 121_H and MTH

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

- 065, or take classes to reach these levels before enrolling in program courses
- Foundational Requirements (writing and math) may be completed with a grade of 'C-' or 'Pass'. All other required prerequisites and courses must be taken for a letter grade, not P/NP, and be passed with grade of 'C' or better
- Before enrolling in BT 120 MS WORD for Business or BT 123 MS EXCEL for Business, students are expected to have a basic knowledge of the Windows operating system and the ability to type 30 words per minute accurately and key 130-132 strokes per minute on a
- Before enrolling in BA 214 Business Communications, students must pass BT 108 Business Proofreading and Editing

BT 108 Business Proofreading and Editing	4
	Fall
CG 203 Human Relations at Work	3
BT 120 MS WORD for Business	4
CS 120 Concepts of Computing: Information Processing	4
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition-Honors	4
	Winter
BA 101 Introduction to Business	4
BT 123 MS EXCEL for Business	4
BT 165 Introduction to the Accounting Cycle	4
MTH 065 Elementary Algebra or higher	4
	Spring
BA 206 Management Fundamentals	3
BA 214 Business Communications	4
BT 163 QuickBooks	4
BT 206 Co-op Ed: Business Seminar	2
Choice of:	
BT 144 Administrative Procedures	
BA 281 Personal Finance	4

Business Management

Offered by the Business 541.463.5221

Associate of Applied Science Degree

Program Coordinator LuAnne Johnson 541.463.5221

Purpose Students completing the Business Management Associate of Applied Science (AAS) degree will be prepared for positions in management, marketing, and accounting. The degree includes electives to enable students to focus on one business area or develop a general background prior to assuming management positions.

Learning Outcomes The student who successfully completes all Business Management requirements will:

- demonstrate an understanding of the functions of leading, planning, organizing, and controlling in an organization.
- make informed business decisions based on the use analysis of financial and budgetary data.
- select appropriate marketing strategies for an organization.
- apply critical thinking and analytical skills in decision-making and problem solving.
- use software including word processing, spreadsheets, and databases to manage and interpret information to meet organizational needs.
- perform on the job in ways that reflect professional ethics, legal standards, and organizational expectations.
- apply adaptive managerial, supervisory and leadership practices in a variety of situations.
- contribute to the planning, implementation, and evaluation of organizational goals and work products.

Job Openings Projected through 2020

Lane County openings - 91 annually Statewide openings - 1,121 annually

Wages

Lane County average hourly - \$42.32; average annually - \$88,012 Oregon average hourly - \$49.16; average annually - \$102,249

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- An approved 3-credit Health class can be substituted for the PE requirements. Please speak with your academic advisor.
- All program core courses (BA, BT) must be taken for a letter grade, and must be completed with a grade of "C" or better to meet program requirements. See course listings for prerequisites.
- Foundational Requirements (writing, math, communication and Health/Wellness/Fitness courses) may be completed with a grade of "C-" or a "Pass"

First Year	Fall
CG 203 Human Relations at Work	3
BT 120 MS WORD for Business	4
MTH 095 Intermediate Algebra or higher	5
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition-Honors	4
Physical Education Requirement	1
·	Winter
BA 101 Introduction to Business	4
BT 123 MS EXCEL for Business	4
BT 165 Introduction to the Accounting Cycle	4
BA 214 Business Communications	4
Physical Education Requirement	1
Thysical Eddoution ricquirementalism	
	Spring
BT 206 Co-op Ed: Business Seminar	2
BA 206 Management Fundamentals	3
MTH 105 Math in Society or higher	4
BA 281 Personal Finance	4
Physical Education Requirement	1
Second Year	Fall
BT 291 Operations Management	4
BA 251 Supervisory Management	3
BA 224 Human Resource Management	3
Directed Elective	3-4
	Winter
BA 226 Business Law	4
Communication Course	4
Directed Elective	4
BA 211 Financial Accounting	4
	Spring
BA 278 Leadership and Team Dynamics	4
BA 280 Co-op Ed: Business Management	3
BA 223 Marketing	4
Directed Elective	4

Computer Information Systems

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree
Accounting Applications Option
Geographic Information Systems Option
Programming Option

Program Coordinator Contact the CIT Dept., Bldg. 19, Rm. 137, 541.463.5221

Purpose To train entry level computer support specialists OR computer power users to work in a variety of organizational settings.

Learning Outcomes Graduates will be able to:

- use and assist users with the fundamental features of operating system, spreadsheet, and database software.
- find solutions to fundamental computer related problems using known problem solving methods.
- demonstrate understanding of fundamental computer networking concepts.
- apply standard project management techniques.
- · work as a member of a team.

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Gerry Meenaghan, Cooperative Education Coordinator, Bldg. 19, Rm. 154, 541.463.5883.

Job Openings Projected through 2020

Lane County openings - 18 annually

Statewide openings - 256 annually

Lane County average hourly - \$16.46; average annual - \$34,236 Oregon average hourly - \$18.31; average annual - \$38,084

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$2,110
Program Specific Fees	\$208
Resident Tuition and General Student Fees	\$10,478

Total Estimated Cost \$12,796

Course Requirements

- · Prerequisites are required for some courses. See course descriptions
- · All courses must be completed for a letter grade of C-, except for the Communications, Writing, Math, PE/Health, and Human Relations requirements and CS 206 which may be completed with a "Pass" grade
- 2NDYEAR A personal laptop is recommended for second-year students in the degree program. Please contact the CIT Department for options and system requirements
- · Students are required to take a minimum of two elective
- Some elective clusters may require additional pre-requisites: consult the course catalog for pre-requisites.
- Pathway certificates are available for some elective clusters.

First Year	Fall
CIS 100 Computing Careers Exploration	1
Clients	4
MTH 095 Intermediate Algebra or higher	5
Processing	4
rrocessing	-
	Winter
HIM 101 Introduction to Health Care and Public Health	
in the US	4
CIS 125M Software Tools: Mobile Development	4
CS 179 Introduction to Computer Networks	4
WR 121 Academic Composition	
WR 121_H Academic Composition-Honors	4
	Spring
CG 203 Human Relations at Work	3
CIS 125D Software Tools 1: Databases	4
CS 206 Co-op Ed: Computer Information Technology	•
Seminar	2

CS 133P Beginning Programming: PythonGIS 151 Digital Earth	4 4
Second Year	Fall
WR 227 Technical Writing	4
CIS 195 Web Authoring 1	3 4
MTH 082 Math for Network Operations	4
·	Winter
Choice of:	
COMM 111 Fundamentals of Public Speaking	
COMM 130 Business and Professional Speech	
COMM 218 Interpersonal Communication COMM 219 Small Group Discussion	
COMM 220 Communications, Gender, and Culture	4
CS 279 Essentials of Network Administration	4
CIS 225 Computer End-User Support	4
BT 123 MS EXCEL for Business	4
	Spring
CS 280IS Co-op Ed: Computer Information Systems	3
CIS 245 Project Management	4
CS 240W Advanced Windows: Server Management	4
Elective	4

Computer Information Systems: Accounting Applications Option

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree Option

Learning Outcomes In addition to the core Computer Information Systems learning outcomes, the graduate of the Accounting Applications Option will also be able to:

- understand accounting as both an information system and the language of business.
- use computerized and manual systems to record data and prepare accounting statements and reports.
- use software including spreadsheets, and databases to input, manage, and interpret information to meet organizational

Job Openings Projected through 2020

Lane County openings - 256 annually

Statewide openings - 18 annually

Wages

Lane County average hourly - \$16.46; average annual - \$34,236 Oregon average hourly - \$18.31; average annual - \$38,084

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,552
Program Specific Fees	\$208
Resident Tuition and General Student Fees	\$10,478
-	

Total Estimated Cost \$12,238

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

First Year	Fall
CIS 100 Computing Careers Exploration	1
CIS 140W Introduction to Operating Systems: Windows	
Clients	4
CS 120 Concepts of Computing: Information	
Processing	4
MTH 095 Intermediate Algebra or higher	5
	Winter
HIM 101 Introduction to Health Care and Public Health	
in the US	4
CIS 125M Software Tools: Mobile Development	4
CS 179 Introduction to Computer Networks	4

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Choice of: WR 121 Academic Composition	
WR 121_H Academic Composition - Honors	4
	Spring
CG 203 Human Relations at Work	3
CIS 125D Software Tools 1: Databases	4
Seminar	2
CS 133P Beginning Programming: Python	4
GIS 151 Digital Earth	4
Second Year	Fall
WR 227 Technical Writing	4
CIS 195 Web Authoring 1	3
BT 165 Introduction to the Accounting Cycle	4
BT 272Tax concepts and Preparation	4
	Winter
BT 120 MS WORD for Business	4
BT 123 MS EXCEL for Business	4
BA 211 Financial Accounting	4
Choice of recommended Communication courses:	
COMM 111 Fundamentals of Public Speaking COMM 130 Business and Professional Speech	
COMM 218 Interpersonal Communication	
COMM 219 Small Group Discussion	
COMM 220 Communication, Gender and Culture	4
·	Spring
CS 280IS Co-op Ed: Computer Information Systems	3
CIS 245 Project Management	4
BT 163 QuickBooks	4
BT 276 Automated Accounting Systems	4

Computer Information Systems: Geographic Information Systems Option

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree Option

Learning Outcomes The graduate of the Geographic Information Systems Option will also be able to:

- · collect and input data into a GIS system.
- · create, manage and update spatial data.
- design and generate various cartographic products for planning or presentations.

Job Openings Projected through 2020

Lane County openings - 2 annually

Statewide openings - 31 annually

Wages

Lane County average hourly - \$17.33; average annual - \$36,046 Oregon average hourly - \$19.68; average annual - \$40,934

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,552
Program Specific Fees	
Resident Tuition and General Student Fees	\$10,478

Total Estimated Cost \$12,238

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

GIS courses (151, 245, and 246) are being reviewed with possible updates being made in the future. Contact Counseling and Advising at 541.463.3200 for information about these GIS courses.

First Year	Fall
CIS 100 Computing Careers Exploration	1

CIS 140W Introduction to Operating Systems:	
Windows Clients	4
Processing	4
MTH 095 Intermediate Algebra or higher	5
	Winter
Choice of: WR 121 Academic Composition	
WR 121_H Academic Composition - Honors HIM 101 Introduction to Health Care and Public Health in the US	4
CIS 125M Software Tools: Mobile Development	4
CS 179 Introduction to Computer Networks	4
	Spring
CG 203 Human Relations at Work	3
CIS 125D Software Tools 1: DatabasesCS 206 Co-op Ed: Computer Information Technology	4
Seminar	2
CS 133P Beginning Programming: Python	4
GIS 151 Digital Earth	4
Second Year	Fall
WR 227 Technical Writing	4
CIS 195 Web Authoring 1	3
DRF 167 CAD 1	4
DRF 107 CAD 1	Winter
GIS 245 GIS 1	4
DRF 220 Building Information Modeling	4
CS 275 Database Systems and Modeling	4
Choice of recommended Communication courses:	
COMM 111 Fundamentals of Public Speaking	
COMM 130 Business and Professional Speech	
COMM 218 Interpersonal Communication	
COMM 219 Small Group Discussion	
COMM 220 Communication, Gender and Culture	4
	Spring
CIS 245 Project Management	4
	4
CS 276 Database SQL Programming	4 4 3

Computer Information Systems:Programming Option

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree Option

Learning Outcomes The graduate of the Programming Option will also be able to:

- design, implement, test and debug client side web based computer programs using a variety of current tools and technologies.
- design, implement, test and debug object oriented desktop computer programs using a variety of current tools and technologies.
- understand the mathematical concepts of a programming related problem solving task and translate them into programming logic and expressions.

Job Openings Projected through 2020

Lane County openings - 4 annually Statewide openings -43 annually

Wages

Lane County average hourly - \$19.22; average annual - \$39,978 Oregon average hourly - \$22.19; average annual - \$46,155

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

BooksProgram Specific FeesResident Tuition and General Student Fees	\$1,855 \$208 \$10,060
Total Estimated Cost	
*Course fees may change during the year. See the online credit cla schedule for fees assigned to courses.	ass
First Year	Fall
CIS 100 Computing Careers Exploration	1
ClientsCS 120 Concepts of Computing: Information Processing MTH 095 Intermediate Algebra or higher	4 4 5
WITH 095 Intermediate Aigebra of Higher	Winter
HIM 101 Introduction to Health Care and Public Health	vviiitei
in the US	4
CIS 125M Software Tools: Mobile Development	4
CS 179 Introduction to Computer Networks	4
WR 121 Academic Composition	
WR 121_H Academic Composition - Honors	4
	Spring
CG 203 Human Relations at Work	3
CIS 125D Software Tools 1: DatabasesCS 206 Co-op Ed: Computer Information Technology	4
Seminar	2
CS 133P Beginning Programming: PythonGIS 151 Digital Earth	4
Second Year	Fall
WR 227 Technical Writing	4
CIS 195 Web Authoring 1	3
CS 133N Beginning Programming: C#	4
CS/CIS/GIS Elective	4
	Winter
Choice of recommended Communication courses: COMM 111 Fundamentals of Public Speaking COMM 130 Business and Professional Speech COMM 218 Interpersonal Communication COMM 219 Small Group Discussion	
COMM 220 Communication, Gender and Culture ART 288 Introduction to Web Design	4
CS 133JS Beg. Programming: JavaScript	4
CS 233N Intermediate Programming C#	4
	Spring
CS 280IS Co-op Ed: Computer Information Systems	3
CIS 245 Project Management	4
CS 295P Web Development 1: PHPCS 234N Advanced Programming: C#	4 4

Computer Network Operations

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree

Career Pathway Certificate - Computer Network Monitoring and Management

Career Pathway Certificate - Computer Network Security

Program Coordinator Joseph Colton, Bldg. 19, Room 144, 541.463

.5249, coltonj@lanecc.edu

Purpose To train entry-level network support technicians and more advanced network administrators in specific computer networking skills and general troubleshooting of hardware and software related problems.

Learning Outcomes The student who successfully completes all Computer Network Operations requirements will:

- install and configure workstations and servers.
- install and configure internetworking devices such as switches and routers.
- install and configure a variety of network operating systems and provide for interoperability between them.
- · administer an organization's computer network infrastructure.
- demonstrate an understanding of network security issues and tools.
- demonstrate an understanding of the basic features of wireless networking.
- develop skills for doing network performance monitoring.
- interpret the concepts of a computer network related problemsolving task.
- use appropriate library and information resources to research network management issues and tools and support lifelong technical learning.

Cooperative Education (Co-op) Co-op is a required and important part of the Computer Network Operations program. It provides relevant field experience that integrates theory and practice while providing opportunities to develop skills, explore career options, and network with professionals and employers in the computer network field. Contact Gerry Meenaghan, Cooperative Education Coordinator, Bldg. 19, Rm. 154, 541.463.5883.

Job Openings Projected through 2020

Lane County openings - 18 annually

Statewide openings - 256 annually

Wages

Lane County average hourly - \$21.52; average annual - \$44,745 Oregon average hourly - \$24.83; average annual - \$51,660

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,540
Program Specific Fees	\$208
Resident Tuition and General Student Fees	\$10,099

Total Estimated Cost \$11,847

- Prerequisites are required for some courses. See course descriptions
- All courses must be completed for a letter grade of C-, except for the Communications, Writing, Math, PE/Health, and Human Relations requirements and CS 206 which may be completed with a "Pass" grade.
- Students planning to pursue a bachelor's degree in Computer Science are advised to also complete the following courses in mathematics: MTH 111 College Algebra and MTH 231, 232, 260 Discrete Mathematics 1, 2, 3.
- The Computer Network Operations degree contains 3 secondyear CS/CIS/GIS electives. Students may want to consider using electives to take a sequence of courses from the Network Security certificate curriculum, or from one of the other degrees or certs.
- For more information about electives, students should contact the program lead to help determine what elective courses best fit their goals.
- Instead of CS 133P and CS 233P the student may take any two required programming courses that are a sequence from one of the other CIT degree programs.
- Approved Communication Electives: COMM 100 Basic Communications COMM 111 Fundamentals of Public Speaking COMM 112 Persuasive Speech COMM 130 Business and Professional Speech COMM 219 Small Group Discussion COMM 220 Comm., Gender and Culture
- Second Year Requirements A personal laptop is recommended for second-year students in the degree program. Please contact the Program Lead for options and system requirements.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

First Year	Fall
CIS 100 Computing Careers Exploration	1
CS 179 Introduction to Computer Networks	4
CIS 140W Introduction to Operating Systems: Windows	4
Clients	4
MTH 082 Math for Network Operations	
MTH 111 College Algebra or higher	4-5
	Winter
CS 206 Co-op Ed: Computer Information Technology	
Seminar	2
PE/Health Requirement	3
CIS 125D Software Tools 1: Databases	4
CS 279 Essentials of Network Administration	4
CIS 287 Microcomputer Hardware	4
	Spring
Human Relations Requirement	
CG 203 Human Relations at Work recommended	3-4 4
CS 133P Beginning Programming: Python CS 240W Advanced Windows: Server Management	4
Choice of:	4
WR 121 Academic Composition	
WR 121_H Academic Composition - Honors	4
Second Year	Fall
CS/CIS/GIS Elective	
CS188 Wireless Networking recommended	4
CS 233P Intermediate Programming: Python	4
CIS 140U Introduction to Unix/Linux	4
CS 284 Network Security Fundamentals	4
	Winter
Choice of:	
CIS 225 Computer End-User Support CIS 245 Project Management	4
CS/CIS/GIS Elective	4
CS 285 Operating Systems Hardening recommended	4
CS 289 Cisco Router and Switch Administration	4
CS 240U Advanced Unix/Linux: Server Management	4
	Spring
CS/CIS/GIS Elective or Communication Elective	
CS 286 Firewalls and VPNs recommended	4
CS 280CN Co-op Ed: Computer Network Operations	3
CS 288 Network Monitoring and Management	4
M/P 227 Tachnical M/riting	1

Computer Network Monitoring and Management

Offered by the Computer Information Technology Department, 541.463.5221

Career Pathway Certificate

Program Coordinator Joseph Colton, Bldg. 19, Room 144, 541.463.5249, coltonj@lanecc.edu

Purpose Prepare graduates to manage and monitor modern network operating systems and the services provided by current, industry-standard platforms, including troubleshooting and proactive management for growth.

Learning Outcomes The student who successfully completes all Computer Network Monitoring and Management requirements will:

- understand the performance fundamentals required to keep computer networks efficient.
- install and configure Windows and Linux servers and Cisco routers and switches.
- identify sources of network performance problems and resolve them
- implement the SNMP protocol on various networked devices.
- understand the importance of proactive management and planning for growth.

- install and configure an enterprise network monitoring package to track performance and availability of services.
- learn how to implement event handlers and notification/alert systems.
- learn to use protocol analysis software to monitor traffic and solve network problems.

Course Requirements

 All courses must be completed with a letter grade of "C-" or better.

Computer Network Security

Offered by the Computer Information Technology Department, 541.463.5221

Career Pathway Certificate

Program Coordinator Don Easton, Bldg.19 Rm. 148

Purpose To train those who already have networking skills to secure workstations, servers, and other networking devices.

Learning Outcomes The student who successfully completes all Computer Network Security requirements will:

- understand the security fundamentals required to help safeguard computer networks.
- · implement wireless network security protections.
- identify and counteract attacks on workstations, servers, and other networking devices.
- identify vulnerabilities, discuss their resolutions, and generate vulnerability reports.
- install and utilize various security industry accepted tools.
- · install and configure firewalls and VPNs.
- troubleshoot security issues and implement and test resolutions.

Course Requirements

 All courses must be completed with a letter grade of "C-" or better.

Computer Programming

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree

Career Pathway Certificate - Database Specialist

Career Pathway Certificate - Mobile Application Development

Program Coordinator Mari Good, Bldg. 19, Rm. 158, 541.463.5838, *goodm@lanecc.edu*

Purpose To prepare technicians for entry-level positions as software developers.

Learning Outcomes The student who successfully completes all Computer Programming requirements will:

- design, implement, test, debug and document web based computer programs using a variety of current tools and technologies.
- design, implement, test, debug and document at least one other type of computer program such as: game program, database program, object-oriented program.
- understand the relationship between computer programs and organizational processes.
- interpret the mathematical concepts of a programming related problem-solving task and translate them into programming logic and expressions.
- use appropriate library and information resources to research programming tools and technologies and support lifelong technical learning.

Cooperative Education (Co-op) Co-op is a required and important part of the Computer Programming Degree program. It provides relevant field experience that integrates theory and practice while providing opportunities to develop skills, explore career options, and network with professionals and employers in the computer programming field. Contact Gerry Meenaghan, Cooperative Education Coordinator, Bldg. 19, Rm. 231A, 541.463.5883.

Job Openings Projected through 2020

Lane County openings - 11 annually Statewide openings - 170 annually

Wages

Lane County average hourly - \$32.22; average annual - \$67,021 Oregon average hourly - \$40.33; average annual - \$83,876

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$2,543
Program Specific Fees	\$208
Resident Tuition and General Student Fees	\$10,203

Total Estimated Cost \$12,954

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Communications, Writing, Math, PE/Health, and Human Relations requirements and CS 206 may be completed with a 'Pass' grade.
- CS 133N, CS 233N, and CS 234N must be completed for a letter grade of B-. All other courses must be completed for a letter grade of C-.
- For more specific information about the Fall/Winter/Spring CS/ CIS/GIS elective sequences please contact the Program Lead to help determine which elective sequence best fits your goals.
- Programming majors are strongly advised to take CS 295P Web Development 1: PHP and CS 296P Web Development 2: PHP electives.
- Students who complete the Computer Programming Degree will have completed all of the coursework to earn the Database Specialist Career Pathway Certificate.
- Second Year Requirements A personal laptop is recommended for second-year students in the degree program. Please contact the Program Lead for options and system requirements.

First Year	Fall
Communications Elective choice of:	
COMM100 Basic Communications	
COMM111 Fundamentals of Public Speaking	
COMM112 Persuasive Speech	
COMM130 Business and Professional Speech	
COMM219 Small Group Communication	
COMM220 Communication, Gender and Culture	4
CIS 100 Computing Careers Exploration	1
CS 133N Beginning Programming: C#	4
CIS 195 Web Authoring 1	3
PE/Health requirement	3
	Winter
Choice of:	
WR 121 Academic Composition	
WR 121 Academic Composition WR 121_H Academic Composition - Honors	4
WR 121 Academic Composition WR 121_H Academic Composition - Honors ART 288 Introduction to Web Design	4 3
WR 121 Academic Composition WR 121_H Academic Composition - Honors ART 288 Introduction to Web Design CS 233N Intermediate Programming C#	3
WR 121 Academic Composition WR 121_H Academic Composition - Honors ART 288 Introduction to Web Design CS 233N Intermediate Programming C# CG 203 Human Relations at Work	3 4 3
WR 121 Academic Composition WR 121_H Academic Composition - Honors ART 288 Introduction to Web Design CS 233N Intermediate Programming C#	3
WR 121 Academic Composition WR 121_H Academic Composition - Honors ART 288 Introduction to Web Design CS 233N Intermediate Programming C# CG 203 Human Relations at Work	3 4 3
WR 121 Academic Composition WR 121_H Academic Composition - Honors ART 288 Introduction to Web Design CS 233N Intermediate Programming C# CG 203 Human Relations at Work	3 4 3 4
WR 121 Academic Composition WR 121_H Academic Composition - Honors	3 4 3 4
WR 121 Academic Composition WR 121_H Academic Composition - Honors	3 4 3 4 Spring
WR 121 Academic Composition WR 121_H Academic Composition - Honors	3 4 3 4 Spring

Second Year	Fall
CS/CIS/GIS Elective	
CS 296P Web Development 2: PHP recommended	4
CIS 244 Systems Analysis	4
CS 295N Web Development 1: ASP.NET	4
WR 227 Technical Writing	4
CS 206 Co-op Ed: Computer Information Technology	
Seminar	2
	Winter
CS 275 Database Systems and Modeling	4
CS 296N Web Development 2: ASP.NET	4
CS 246 System Design	4
CS/CIS/GIS Elective	4
	Spring
CS/CIS/GIS Elective	4
CS 280PR Co-op Ed: Computer Programming	3
CS 276 Database SQL Programming	4
CS 297 Programming Capstone	5

Database Specialist

Offered by the Computer Information Technology Department, 541.463.5221

Career Pathway Certificate

Program Coordinator Mari Good, Bldg. 19, Rm. 158, 541.463.5838, *goodm@lanecc.edu*

Purpose To prepare technicians for entry-level positions as database specialists.

Learning Outcomes The certificate recipient will:

- design, implement, test, debug and document relational database systems using a variety of current tools and technologies.
- understand the use of database to support organizational processes.
- translate database related problems into SQL logic and expressions.
- use appropriate library and information resources to research database technologies and support lifelong technical learning.

Course Requirements

- All courses must be completed with a letter grade of 'C-' or better
- Prerequisites are required for some courses. See course descriptions
- Students are expected to be comfortable working on a computer, including the ability to create files with a text editor and manage file folders. The courses in this Certificate of Completion are designed to be taken along with the Computer Programming, or the Computer Network Operations Associates of Applied Science degree programs offered by the CIT department. For details see the course description of each of the four required courses. Prerequisites can be waived for current IT technicians with the appropriate background.

CIS 125D Software Tools 1: Databases	4
CIS 244 Systems Analysis	4
CS 275 Database Systems and Modeling	4
CS 276 Database SQL Programming	4
CIS 276R Data Integration Analytics and Reports	4

Mobile Application Development

Offered by the Computer Information Technology Department, 541.463.5221

Career Pathway Certificate

Program Coordinator Brian Bird, Bldg. 19, Rm. 152, 541.463.3024, birdb@lanecc.edu

Purpose To prepare technicians for entry-level positions as mobile application programmers.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Learning Outcomes The student who successfully completes all Mobile Application Development requirements will:

- design, implement, test, debug and document mobile application based computer programs using a variety of current tools and technologies.
- understand the use of mobile application programming to support organizational processes.
- interpret the mathematical concepts of a programming related problem-solving task and translate them into programming logic and expressions.
- use appropriate library and information resources to research programming tools and technologies and support lifelong technical learning.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All courses must be completed with a letter grade of 'C-' or better.
- Students completing the Computer Programming AAS degree must complete CS 133N and CS 233N with a letter grade of 'B-' or better.
- Students are expected to be comfortable working on a computer, including the ability to create files with a text editor and manage file folders.

CS 133N Beginning Programming: C#	4
CS 233N Intermediate Programming C#	4
CS 235IM Introduction to Mobile Applications	
Development: IOS	4
CS 235AM Intermediate Mobile Application	
Development: Android	4

Computer Simulation and Game Development

Offered by the Computer Information Technology Department, 541.463.5221

Associate of Applied Science Degree

Program Coordinator Jim Bailey, Bldg. 19, Rm. 146, 541.463.3148, baileyj@lanecc.edu

PurposeTo prepare students for entry-level positions in the simulation and game development industries or to transfer to a four-vear school for additional education.

Learning Outcomes The student who successfully completes all Computer Simulation and Game Development requirements will:

- create computer simulations or games using industry standard development tools.
- design, program, test, debug and document computer simulation or game programs using a variety of current tools and technologies.
- develop programming knowledge and skills with a current commercial programming language.
- develop skills and knowledge in computer animation using industry standard tools.
- learn mathematical concepts related to simulation and game development and use those concepts in class projects.
- use appropriate library and information resources to research simulation and game development issues, programming tools and technologies and to support lifelong technical learning.

Cooperative Education (Co-op) Co-op is a required and important part of the Computer Simulation and Game Development Degree program. It provides relevant field experience that integrates theory and practice while providing opportunities to develop skills, explore career options, and network with professionals and employers in the computer programming field. Contact Gerry Meenaghan, Cooperative Education Coordinator, Bldg. 19, Rm. 231A, 541.463.5883.

Job Openings Projected through 2020

Lane County openings - 11 annually

Statewide openings - 170 annually

Wages

Lane County average hourly - \$32.22; average annual - \$67,021 Oregon average hourly - \$40.33; average annual - \$83,876

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,345
Computers/Internet Service	\$1,500
Program Specific Fees	\$208
Resident Tuition and General Student Fees	\$10,726

Total Estimated Cost \$13,779

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

- Prerequisites are required for some courses. See course descriptions.
- All courses must be completed for a letter grade of C-, except for the Communications, Writing, Math, PE/Health, and Human Relations requirements and CS 206 which may be completed with a 'Pass' grade.
- Second Year Requirements A personal laptop is required for second-year students in the degree program. If you receive financial aid, some of those funds may be used for this purchase. Please contact the Program Lead for options and system requirements.

terri requirements.	
First Year	Fall
CIS 100 Computing Careers Exploration	1
CIS 125G Software Tools 1: Game Development	4
CS 161C+ Computer Science 1	4
Elective	4
	Winter
Choice of:	
MTH112 Trigonometry	
MTH252 Calculus 2 MTH 231 Discrete Mathematics 1	4
FA 221 Computer Animation	4
CS 162C+ Computer Science 2	4
ART 245 Drawing for Media	4
, and the second	Spring
CS 233N Intermediate Programming C#	4
CIS 126 Game Design: Principles and Practices	4
FA 222 Computer Animation 2	4
Second Year	Fall
CS 260 Data Structures 1	4
CS 206 Co-op Ed: Computer Information Technology	•
Seminar	2
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition - Honors PE/Health Requirement	4
CIS 135G Software Tools 2: Game Development	3 4
Cio 1334 doitware 10013 2. dame bevelopment	Winter
Floative	4
Elective	4
WR 227 Technical Writing	4
Communication Requirement	4
·	Spring
Elective	4
CS 297 Programming Capstone	5
Human Relations requirement	
CG 203 Human Relations at Work recommended	3-4
CS 280GD Co-op Ed: Computer Simulation and Game	
Development	3

Construction Technology

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

One-Year Certificate of Completion - Construction Technology

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To train students in the technical skills and knowledge of the construction industry. The graduate of this program can expect to work in the residential and commercial building construction field.

Learning Outcomes Upon completion of this degree, the graduate will:

- demonstrate basic carpentry skills for the construction industry.
- cut, fit, and assemble wood and other materials for building construction.
- · demonstrate and use industry safety standards.
- use blueprint reading skills necessary to the profession.
- demonstrate knowledge of laser level and field elevations.
- be adequately prepared to enter the workforce in the field of construction.
- use appropriate library and information resources to research professional issues.
- interpret the concepts of a problem-solving task and translate them into mathematics.

Admission Information See *lanecc.edu/advtech/cs*t or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Construction Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits may be earned in lieu of required Construction Technology course credits. Contact Chuck Fike, Construction Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 34 annually

Statewide openings - 590 annually

Wages

Lane County average hourly - \$23.39; average annual - \$48,645 Oregon average hourly - \$22.48; average annual - \$46,754

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

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Total Estimated Cost \$13,820

Course Requirements

- All CST and MTH courses must be taken for a letter grade, not P/NP, and must be passed with a "C-" or better to fulfill program requirements.
- WR and PE/Health requirement must be passed with a Pass or "C-" or better to fulfill program requirements.

- For choices in Foundational Skills and Discipline Studies, see AAS degree description.
- See course descriptions for prerequisite and corequisite information.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

program	
First Year	Fall
CIS 101 Computer Fundamentals	4
CST 110 Blueprint Reading 1	3
CST 111 Construction Orientation and Environment	2
CST 118 Building Construction	5 4
With 000 Applied decimetry for fedimicians	•
NAID 445 Late Late Late College NAVivi	Winter
WR 115 Introduction to College Writing CST 118 Building Construction	4 5
CST 122 Construction Codes	2
CST 211 Blueprint Reading 2	3
PE/Health Elective	3
	Spring
CST 116 Construction Estimating	4
CST 118 Building Construction	5
CST 119 Building Construction Surveying	3
Human Relations Requirement	_
Second Year	Fall
DRF 160 Computer-Aided Drafting and Design Directive Elective (see list of courses below)	4
Arts and Letters Requirement	3
CST 280 Co-op Ed: Construction	3
	Winter
Directed Electives (see list of courses below)	6
Science or Computer Science Course	3
Choice of:	
DRF137 Architectural Plans DRF211 Sustainable Building Systems	4
CST 280 Co-op Ed: Construction	3
	Spring
CST 280 Co-op Ed: Construction	3
Choice of:	Ü
Arts/Letters, Science or Computer Science course,	
or Social Science/Human Relations requirement	3
Directed Electives (see list of courses below)	8
Directed Electives:Apprenticeship/Electronics Courses	
APR 101 Trade Skills Fundamentals	4
ET 129 Electrical Theory 1	4
Directed Electives: Business Courses	
BA 101 Introduction to Business	4
BT 165 Introduction to the Accounting Cycle	4
Directed Electives: Drafting Courses	
DRF 205 Drafting: Structures	4
DRF 207 Drafting: Strength of Materials	4
Directed Electives: Skill Development Courses	
WLD 121 Shielded Metal Arc Welding 1	4
WLD 122 Shielded Metal Arc Welding 2	4
Directed Electives: Mathematics Courses	
MTH 070 Introductory Algebra	5
MTH 075 Applied Algebra for Technicians	4
MTH 095 Intermediate Algebra	5

Construction Technology

Offered by the Advanced Technology Division, 541.463.5380 One-Year Certificate of Completion

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Purpose To train students in the technical skills and knowledge of the construction industry. The graduate of this program can expect to work in the residential and commercial building construction field.

Learning Outcomes The graduate of the one-year certificate will:

- demonstrate basic carpentry skills for the construction industry.
- cut, fit, and assemble wood and other materials for building construction.
- demonstrate and use industry safety standards.
- use blueprint reading skills necessary to the profession.
- demonstrate knowledge of laser level and field elevations.
- be adequately prepared to enter the workforce in the field of construction.

Admission Information See *lanecc.edu/advtech/cst* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Construction Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits may be earned in lieu of required Construction Technology course credits. Contact Chuck Fike, Construction Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 26 positions Statewide: 579 positions

Wages

Lane County average hourly - \$17.16; average annual - \$35,680 Oregon average hourly - \$17.99; average annual - \$37,429

Costs (Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$997
Instruments/Tools	\$250
Program Specific Fees	\$155
Resident Tuition and General Student Fees	\$5,690
-	

Total Estimated Cost \$7,092

Gainful Employment Disclosure

47-2061.00

Standard Occupational Classification: 47-2061.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Construction Laborers *Onetonline.org/link/summary/47-2061.00* Or check on these O*Net Related Occupations: Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters *onetonline.org/link/summary/47-3011.00*

In academic year 2014-15, 6 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not

disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- All CST and MTH courses must be taken for a letter grade, not P/NP, and must be passed with a "C-" or better to fulfill program requirements.
- WR and PE/Health requirement must be passed with a "C-" or better to fulfill program requirements.
- See course descriptions for prerequisite information.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

	Fall
CIS 101 Computer Fundamentals	4
CST 110 Blueprint Reading 1	3
CST 111 Construction Orientation and Environment	2
CST 118 Building Construction	5
MTH 085 Applied Geometry for Technicians	4
	Winter
CST 118 Building Construction	5
CST 122 Construction Codes	2
CST 211 Blueprint Reading 2	3
PE/Health Elective	3
WR 115 Introduction to College Writing	4
	Spring
CST 116 Construction Estimating	4
CST 118 Building Construction	5
CST 119 Building Construction Surveying	3
Human Relations Requirement	3

Construction Trades, General Apprenticeship

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

One-Year Certificate of Completion - Construction Trades, General Apprenticeship

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, crumpj@lanecc.edu.

Purpose To provide a structured system of training in construction trades or occupations, leading to certification and journey-level status, only for apprentices who are sponsored by individual employers, accepted by a Joint Apprenticeship Training Committee, and registered with the State of Oregon Bureau of Labor and Industries.

Learning Outcomes The graduate will:

- perform the duties and responsibilities of the individual construction trade/occupation.
- apply theory as it relates to trade competencies.
- demonstrate and use industry safety standards.
- utilize recognized standard building codes guidelines as applicable.
- prepare and utilize isometric sketching and detailed drawings per individual trade.
- develop attitudes conducive to improved customer relations skills in the construction trades.
- demonstrate communication and critical thinking skills necessary for job advancement.
- use appropriate library and information resources to research professional issues and support lifelong learning.
- access library, computing, and communications services, and appropriately select information and data from regional, national, and international networks.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

- represent, analyze and determine rules for finding patterns relating to linear functions, non-linear functions and arithmetic sequences with tables, graphs, and symbolic rules.
- adapt to new job requirements to qualify for advancement in becoming lead supervisors.
- complete 8000 hours State of Oregon-approved on-the-job training.

Licensing and Certification Program Certification: An apprenticeship "Award of Completion" issued by the Oregon Bureau of Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industrywide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, the Oregon community college Construction Trades, General Apprenticeship pathway provides statewide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science degree in Operations Management. The Construction Trades, General Apprenticeship pathway includes an advising guide with a set of recommended courses that satisfy both the AAS degree and the OregonTransfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution. Licensing or Other Certification: HVAC technician/installer and plumber trades require successful completion of trade-specific licensure examinations through the Oregon Building Codes Division.

Admission Information Students must be registered apprentices with the State of Oregon Bureau of Labor and Industries. Information is available at boli.state.or.us.

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Carpenter

Job Openings Projected through 2022 Lane County openings - 34 annually Statewide openings - 590 annually

HVAC

Job Openings Projected through 2022 Lane County openings - 6 annually Statewide openings - 95 annually

Plumber

Job Openings Projected through 2022 Lane County openings - 9 annually Statewide openings - 143 annually

Sheet Metal

Job Openings Projected through 2022 Lane County openings - 6 annually Statewide openings - 97 annually

Wages

Carpenter

Lane County average hourly - \$23.39; average annual - \$48,645 Oregon average hourly - \$22.48; average annual - \$46,754

HVAC

Lane County average hourly - \$26.13; average annual - \$54,350 Oregon average hourly - \$24.45; average annual - \$50,873

Plumber

Lane County average hourly - \$29.76; average annual - \$61,894 Oregon average hourly - \$35.53; average annual - \$73,917

Sheet Metal

Lane County average hourly - \$24.35; average annual - \$50,644 Oregon average hourly - \$24.94; average annual - \$51,875

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.

Books	\$1,500
Resident Tuition and General Student Fees	\$11,225

Total Estimated Cost \$12,725

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- complete 8000 hours State of Oregon-approved on-the-job training and provide a State of Oregon ApprenticeshipTraining Journeyman card or BOLI-ATD Certificate of Completion
- demonstrate an equivalency of 90 credit hours, with a minimum of 24 credits at Lane, including the last term at Lane
- complete all requirements for an AAS degree as listed below.
- earn a cumulative grade point average above 2.0 at Lane or transfer credits earned at other regionally accredited colleges or universities
- WR 115W and MTH 060 must be completed with a grade of "Pass" or "C-" or better.
- See AAS degree page for choices in Arts and Letters, Human Relations, and Science/Math/Computer Science.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

General Education

WR 115W Introduction to College Writing: Workplace Emph	nasis or
higher	3
MTH 060 Beginning Algebra or higher	4
PE/Health Requirement	3
Arts and Letters requirement	3
Human Relations requirement	3
Science/Math/Computer Science requirement	3
Choice of:	
Arts and Letters requirement	
Human Relations/Social Science requirement	
Science/Math/Computer Science requirement	3
Carpenter (36 credits)	
APR 115 Carpentry Skill Fundamentals	3
APR 116 Carpentry Framing Fundamentals	3
APR 117 Carpentry Framing and Introduction to	
Concrete	3
APR 118 Carpentry Framing and Finishing	3
APR 119 Carpentry Commercial Plans and Exterior	
Finish	3
APR 120 Carpentry Interior Finish	3
APR 201 Carpentry Basic Rigging and Practices	3
APR 202 Carpentry Concrete Practices	3
APR 203 Carpentry Forms and Tilt-up Panels	3
APR 204 Carpentry Advanced Layout and Building	_
Systems	3
APR 205 Carpentry Advanced Planning and	_
Management	3
APR 206 Carpentry Equipment and Site Layout	3
HVAC Technician/Installer (41-44 credits)	
APR 101ATrade Skills Fundamentals	4
APR 172 Sheet Metal/HVAC/R Blueprint Reading	3
APR 210 HVAC Systems 1	4
APR 211 HVAC Systems 2	4
APR 212 HVAC Systems 3	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	6-9
APR 190 Electrical Theory 1	4
APR 191 Electrical Theory 2	4
APR 285 Motors	4
APR 286 Motors 2	4

Plumber (40 credits)
APR 160 Plumbing Skill Fundamentals
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APR 162 Plumbing Basic Waste Water Systems
APR 163 Plumbing Calculations and Print Reading
APR 165 Plumbing Basic Installation 2
/ · _ c c · · · · · · · · · · · · · · · ·
APR 261 Plumbing Piping Sizing and Systems APR 262 Plumbing Advanced Waste Systems
3
3
Sheet Metal Worker (46 credits)
APR 101A Trade Skills Fundamentals
APR 170 Introduction to Sheet Metal Apprenticeship
APR 171 Sheet Metal Basic Layout
APR 172 Sheet Metal/HVAC/R Blueprint Reading
APR 270 Architectural Sheet Metal
APR 271 Sheet Metal Building Codes and Installation
APR 272 Sheet Metal Duct Design
APR 273 General Sheet Metal Fabrication
APR 274 Sheet Metal Shop Fabrication
APR 275 Sheet Metal Project Supervision
MTH 085 Applied Geometry for Technicians
APR 185 Shielded Metal Arc Welding 1
APR 186 Wire Drive Welding 1
Program Electives to complete 90 credits for degree:
APR 106 Plumbing Trade Introduction
BA 101 Introduction to Business
CS 120 Concepts of Computing: Information
Processing
APR 101 Trade Skills Fundamentals
CST 110 Blueprint Reading 1
CST 111 Construction Orientation and Environment
CST 116 Construction Estimating
CST 118 Building Construction 1-
CST 119 Building Construction Surveying
HE 152 Drugs, Society and Behavior
HE 252 First Aid
MTH 085 Applied Geometry for Technicians
MTH 095 Intermediate Algebra
NRG 103 Sustainability in The Built Environment
NRG 121 Air Conditioning System Analysis
NRG 124 Energy Efficiency Methods
NRG 158Thermal Design and Installation 1
NRG 159Thermal Design and Installation 2
RTEC 105 Introduction to Advanced Technology
WATR 101 Introduction to Water Resources
WLD 121 Shielded Metal Arc Welding 1 1-
WLD 122 Shielded Metal Arc Welding 2 1-
WLD 139 Welding Lab1-
WLD 142 Pipe Welding Lab: Carbon Steel
WLD 143 Wire Drive Welding 1 1-4
Journeyman card from Oregon Bureau of Labor and Industries
Apprenticeship and Training Division, prior certification credits

Construction Trades, General Apprenticeship

State of Oregon Apprenticeship Training Journey-level

card or BOLI-ATD Certificate of Completion.....

Offered by the Advanced Technology Division, 541.463.5380

One-Year Certificate of Completion

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, crumpj@lanecc.edu.

Purpose Students may earn a Certificate of Completion in Construction Trades, General Apprenticeship by successfully completing 36-46 core related training credits with a grade of "C" or better in all courses, and completing related instruction in communications, computation, and human relations.

Learning Outcomes The graduate will:

- apply theory as it relates to trade competencies.
- perform the duties and responsibilities of the individual construction trade/occupation.

Licensing and Certification

Program Certification: An apprenticeship "Award of Completion" issued by the Oregon Bureau of Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industry-wide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, the Oregon community college Construction Trades, General Apprenticeship pathway provides statewide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science degree in Operations Management, The Construction Trades, General Apprenticeship pathway includes an advising quide with a set of recommended courses that satisfy both the AAS and the OregonTransfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution. Licensing or Other Certification Exams: HVAC technician/installer and plumber trades require successful completion of trade-specific licensure examinations through the Oregon Building Codes Division.

Admission Information Students must be registered apprentices with the State of Oregon Bureau of Labor and Industries. Information is available at boli.state.or.us.

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Carpenter

Lane County openings - 34 annually Statewide openings - 590 annually

HVAC

Lane County openings - 6 annually Statewide openings - 95 annually

Plumber

Lane County openings - 9 annually Statewide openings - 143 annually

Sheet Metal

Lane County openings - 6 annually Statewide openings - 97 annually

Wages

22

Carpenter

Lane County average hourly - \$23.39; average annual - \$48,645 Oregon average hourly - \$22.48; average annual - \$46,754

HVAC

Lane County average hourly - \$26.13; average annual - \$54,350 Oregon average hourly - \$24.45; average annual - \$50,873

Plumber

Lane County average hourly - \$29.76; average annual - \$61,894 Oregon average hourly - \$35.53; average annual - \$73,917

Sheet Metal

Lane County average hourly - \$24.35; average annual - \$50,644 Oregon average hourly - \$24.94; average annual - \$51,875 **Costs** Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.

Books	\$1,500
Resident Tuition and General Student Fees	\$11,225

Total Estimated Cost \$12,725

Course Requirements

- complete 8000 hours of State of Oregon-approved on-the-job training and provide a State of Oregon Apprenticeship Training Journeyman card or BOLI-ATD Certificate of Completion in BOLI-ATD Trade: Carpenter, HVAC Technician, Plumber, or Sheet Metal Worker.
- complete related instruction (communication, computation, human relations) 9 credits
- complete core-related training 36-46 credits
- Minimum placement scores Reading 68, Writing 64, and readiness for MTH 060, or prior college. Note: See the counselor or advisor to obtain the suggested entry-level skills for successful completion of these programs.

Carpenter (36 credits)

APR 115 Carpentry Skill Fundamentals	3
APR 116 Carpentry Framing FundamentalsAPR 117 Carpentry Framing and Introduction to Concrete	3
APR 118 Carpentry Framing and Finishing	3
APR 119 Carpentry Commercial Plans and Exterior Finish	3
APR 120 Carpentry Interior Finish	3
APR 201 Carpentry Basic Rigging and Practices	3
APR 202 Carpentry Concrete Practices	3
APR 203 Carpentry Forms and Tilt-up PanelsAPR 204 Carpentry Advanced Layout and Building	3
Systems	3
APR 205 Carpentry Advanced Planning and	
Management	3
APR 206 Carpentry Equipment and Site Layout	3
Related Instruction (9 credits)	
Communication (min. 3 credits)	3
Computation (min. 3 credits)	3
Human Relations (3 credits) HVAC Technician/Installer (41-44 credits)	3
	4
APR 101ATrade Skills FundamentalsAPR 172 Sheet Metal/HVAC/R Blueprint Reading	3
APR 210 HVAC Systems 1	4
APR 211 HVAC Systems 2	4
APR 212 HVAC Systems 3	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	6-9
APR 190 Electrical Theory 1APR 191 Electrical Theory 2	4
APR 285 Motors	4
APR 286 Motors 2	4
Plumber (40 credits)	
APR 160 Plumbing Skill Fundamentals	4
APR 161 Plumbing Materials and Fixtures	4
APR 162 Plumbing Basic Waste Water Systems	2
APR 163 Plumbing Calculations and Print Reading	4
APR 164 Plumbing Basic Installation 1 APR 165 Plumbing Basic Installation 2	4
APR 260 Plumbing Water Supply Systems	4
APR 261 Plumbing Piping Sizing and Systems	4
APR 262 Plumbing Advanced Waste Systems	2
APR 263 Plumbing Code and Test Preparation	10
Sheet Metal Worker (46 credits)	
APR 101ATrade Skills Fundamentals	4
APR 170 Introduction to Sheet Metal Apprenticeship	4
APR 171 Sheet Metal Basic Layout	4
APR 172 Sheet Metal/HVAC/R Blueprint ReadingAPR 270 Architectural Sheet Metal	3
ALL 270 ALGINGULAR GIRGE MICKAI	4

APR 271 Sheet Metal Building Codes and Installation	4
APR 272 Sheet Metal Duct Design	4
APR 273 General Sheet Metal Fabrication	4
APR 274 Sheet Metal Shop Fabrication	4
APR 275 Sheet Metal Project Supervision	4
MTH 085 Applied Geometry for Technicians	4
APR 185 Shielded Metal Arc Welding 1	1
APR 186 Wire Drive Welding 1	2

Journeyman card from Oregon Bureau of Labor and Industries Apprenticeship and Training Division, prior certification credits (22 credits)

Criminal Justice

Offered by the Social Science Division, 541.463.5427

Associate of Applied Science Degree

Program Coordinator Caoimhin OFearghail, 541.463.5361, ofearghailc@lanecc.edu

Purpose To offer men and women preparation for career employment in law enforcement, adult and juvenile corrections, security management, and other public service careers. Transferable to four-year colleges and universities, the program is also job entry oriented, depending on the student needs. Public Safety Careers require criminal and personal background checks

Learning Outcomes The student who successfully completes all Criminal Justice requirements will:

- apply sociological theory to better understand criminal behavior.
- describe the dynamics of interviews and interrogations in investigations.
- explain the nature of public safety career paths and their own qualifications for various careers in criminal justice.
- express a thorough knowledge of the criminal justice system.
- formulate questions that can be addressed with data and collect, organize and display relevant data to answer them.
- qualify for education requirements for entry-level public safety careers.
- understand the importance of inter-disciplines and the need for a well-rounded education in public safety.
- use appropriate library and information resources to research professional issues and support lifelong learning.

Advising and Counseling Andy Graham Academic Advisor and Susan Shipp Academic Counselor contact at socsci-*Ilcprograms@lanecc.edu*

Cooperative Education (Co-op) Co-op provides opportunities for field experience with various local public safety agencies including local law enforcement, corrections, courts, and commercial security organizations. Students may participate on a full or part-time basis.

Job Openings Projected through 2020

Law Enforcement Lane County openings - 14 annually

Law Enforcement Statewide openings -191 annually

Correctional Officers Statewide openings - 122 annually

Wages

Law Enforcement Lane County average hourly - \$32.44; average annual - \$67,461

Law Enforcement Oregon average hourly - \$32.31; average annual - \$67,189

Correctional Officers Oregon average hourly - \$26.98; average annual - \$56,117

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.) Criminal Justice course fees

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

and other course fees may change during the year - see the online credit class schedule for fees assigned to courses.

Books	\$2,600
Resident Tuition and General Student Fees	\$11,565

Total Estimated Cost \$14,165

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All CJA courses must be completed with a letter grade of 'C' or better to satisfy program requirements.
- PSY, SOC, and WR courses must be completed with a letter grade.
- Courses that satisfy transfer general education requirements are recommended: BI, BOT, Z, CH, G, GS, PH
- Directed electives (choose 6 credits total)
- CJA 201 Juvenile Delinquency 3 CJA 210 Criminal Investigation 1 3 CJA 214 Introduction to Forensic Science 4 CJA 232 Correctional Casework 3 CJA 243 Narcotics and Dangerous Drugs 3 SOC 211 Social Deviance 3
- CJA 214 Introduction to Forensic Science can be used to meet Directed Elective or Biological/Physical Science Elective.
- CH 114 Forensic Chemistry can satisfy the Biological or Physical Science requirement

cal Science requirement	OI I IIYSI
First Year	Fall
Choice of:	
WR121 Academic Composition	4
WR121_H Academic Composition Honors	4
Directed Elective	3
SOC 204 Introduction to Sociology	4
COMM 105 Listening and Critical Thinking	4
	Winter
Arts and Letters elective	3
CJA 110 Introduction to Criminal Justice 2	3
SOC 205 Social Stratification and Social Systems	4
COMM 100 Basic Communications	4
WR 122 Argument, Research and Multimodal Composition	4
Composition	•
C.I.A. 101 Introduction to Criminalagy	Spring 3
CJA 101 Introduction to Criminology CS 120 Concepts of Computing: Information Processing	3
or higher	4
SOC 206 Institutions and Social Change	4
Choice of:	
HE250 Personal Health	
HE252 First Aid 275 Lifetime Health and Fitness	3
	_
Second Year	Fall
Biological or Physical Science requirement	3-4
CJA 213 Interviewing and Interrogation	3
PS 201 U.S. Government and Politics	3
Choice of:	_
PHL201 Introduction to Philosophy:Ethics	
PHL205 Contemporary Moral Issues	
ANTH103 Cultural Anthropology	4
	Winter
Biological or Physical Science elective	4-5
CJA 222 Criminal Law: Procedural Issues	3
CJA 280 Co-op Ed: Criminal Justice	3
PS 202 U.S. Government and Politics	3
	Spring
MTH 095 Intermediate Algebra or higher	5
mili voo intornioulato Algobia Or Iligilei	3

CJA 280 Co-op Ed: Criminal Justice.....

PS 203 State and Local Government and Politics.....

PSY 203 General Psychology	4
Arts and Letters elective	3

Criminal Justice: Juvenile Corrections

Offered by the Social Science Division, 541.463.5427

One-Year Certificate of Completion

Program Coordinator Caoimhin OFearghail, *541.463.5361* ofearghailc@lanecc.edu

PurposeTo train individuals to work directly with juvenile offenders in various settings, including OregonYouth Authority, as well as other public, private, and non-profit agencies/programs.

Learning Outcomes The student who successfully completes all Criminal Justice: Juvenile Corrections requirements will:

- · effectively supervise juvenile offenders.
- monitor and ensure a safe environment for juvenile offenders.
- provide support services to juvenile offenders.
- provide social and life skills training to juvenile offenders.
- assist in the treatment process and provide crisis intervention with juvenile offenders.

Advising and Counseling Andy Graham Academic Advisor and Susan Shipp Academic Counselor contact at socsci-*Ilcprograms@lanecc.edu*

Cooperative Education (Co-op) Co-op provides opportunities for students to work in regional organizations to develop and expand skills, explore career options, and make contacts for future employment. Students connect theory and practice while earning transferable elective college credit. Contact Caoimhin OFearghail, Juvenile Corrections Co-op Coordinator, 541.463.5361, OFearghailc@lanecc.edu

Job Openings Projected through 2020

This certificate meets the minimum level pre-employment requirement for the Oregon Youth Authority.

Statewide openings: 122

Wages

Group Life Coordinator II beginning wage is approximately \$3,038 - \$4.413 monthly.

Corrections Officers

Oregon average hourly - \$26.98; average annual - \$56,117

Costs Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.

Books	, ,
Total Estimated Cost	, -,

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

21-1021.00

3

Standard Occupational Classification: 21-1021.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Child, Family, and School Social Workers *Onetonline.org/link/summary/21-1021.00* Or check on these O*Net Related Occupations: Probation Officers and Correctional Treatment Specialists *onetonline.org/link/summary/21-1092.00*

In academic year 2014-15, 1 student completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All CJA, HS, PSY, and SOC courses must be completed with a letter grade of 'C' or better to satisfy program requirements.
- · WR courses must be completed with a letter grade.
- MTH 095 is recommended for students going on to complete the 2-yr AAS degree in Criminal Justice.
- Students should be advised that it may take up to 4 terms to complete.

	Fall
Choice of: WR121 Intro to Academic Composition	
WR121_H Intro to Academic Composition	. 4
HS 206The Criminal Addict: Issues and Interventions	. 3
MTH 060 Beginning Algebra or higher	. 4
PSY 201 General Psychology	. 4
SOC 225 Social Problems	. 4
	Winter
CJA 201 Juvenile Delinquency	. 3
CS 120 Concepts of Computing: Information Processing	. 4
HS 205 Youth Substance Abuse	. 3
PSY 202 General Psychology	. 4
PSY 239 Introduction to Abnormal Psychology	. 3
	Spring
CJA 101 Introduction to Criminology	. 3
CJA 232 Correctional Casework	. 3
CJA 280 Co-op Ed: Criminal Justice	. 3
HS 209 Crisis Intervention and Prevention	. 3
PSY 215 Lifespan Developmental Psychology	. 4

Culinary Arts and Food Service Management

Offered by Culinary Arts and Hospitality Management, 541.463.3518

Associate of Applied Science Degree

Less than One-Year Certificate of Completion - Baking and Pastry

Program Coordinator Wendy Milbrat, Project Specialist, 541.463.3518, milbratw@lanecc.edu;or email: CulinaryHospPrograms@lanecc.edu

Purpose To enable the transformation of students' passion for food and cooking into careers as future professional culinarians, restaurant owners, food and beverage managers, pastry cooks, dietary managers and other careers in food services. Focusing on classical culinary principles and techniques, the program's coursework is sequenced in building blocks of knowledge and skills competencies with an emphasis on learning by doing.

Learning Outcomes The student who successfully completes all Culinary Arts and Food Service Management requirements will:

- develop a broad range of culinary and dining room service skills.
- operate equipment including cook tops, food processors, ovens (baking, convection, and conventional), dough mixers, meat slicers, espresso machines, cash register, point of sales (POS) systems and a variety of kitchen tools.
- develop supervisory and human relations skills.
- understand the fundamentals of financial analysis, purchasing

- and receiving, menu planning and costing, and food and beverage controls.
- access library, computer and communications services and obtain information and data from regional, national and international networks.
- develop fundamental baking and pastry knowledge and skills.
- perform mathematical functions related to food service operations.
- successfully plan and prepare large culinary events in the Center for Meeting and Learning.

Accreditation Culinary Arts, accredited by the American Culinary Federation Foundation Accrediting Commission, a specialized accrediting commission recognized by the Council for Higher Education Accreditation. A student graduating from the program will be eligible to receive national certification status as a Certified Culinarian (CC).

Admission Information A separate application to the program is required. Admission information is available from the Culinary Arts and Hospitality Management office, Building 19, Room 204 or online at Ianecc.edu/culinary. Or email: CulinaryHospPrograms@lanecc.edu

Advising and Counseling Program Advisor, Claudia Riumallo and Tricia Lytton; Program Counselor, Carolyn Litty

Cooperative Education (Co-op) Students earn credit for on-the-job work experience related to educational and career goals. Through Co-op, students can develop and practice skills, expand career knowledge, and make contacts for future job openings. For more information contact Joe McCully, Cooperative Education Coordinator, Bldg.19, Rm. 210, 541.463.3516, mccullyj@lanecc.edu

Job Openings Projected through 2020

Chefs and Head Cooks

Lane County openings - 4 annually Statewide openings - 55 annually

Food Service Managers

Lane County openings - 11 annually Statewide openings - 145 annually

Production Bakers

Lane County openings - 12 annually Statewide openings - 96 annually

Restaurant Cooks

Lane County openings - 68 annually Statewide openings - 1161 annually

Supervisors and Managers of Food Preparation and Serving Workers

Lane County openings - 40 annually Statewide openings - 559 annually

Wages

Chefs and Head Cooks

Lane County average hourly - \$19.82, average annual \$41,229 Oregon average hourly \$22.52, annual average annual - \$46,828

Food Service Managers

Lane County average hourly - \$20.26, average annual \$42,136 Oregon average hourly - \$ 24.20, average annual - \$50,337

Production Bakers

Lane County average hourly - \$15.05, average annual -\$31,287 Oregon average hourly \$14.30, average annual - \$29,753

Restaurant Cooks

Lane County average hourly - \$12.38, average annual - \$25,754 Oregon average hourly \$12.19, average annual - \$25,338

Supervisors and Managers of Food Preparation and Serving Workers

Lane County average hourly - \$14.02, average annual - \$29,158 Oregon average hourly \$15.02, average annual - \$31,240

Costs (Estimate based on 2016-17 tuition and fees for 2-yr program) The total of all the differential fees attached to Culinary Arts courses and other fees may change during the year - see the online credit class schedule for fees assigned to courses.

Books	\$850
Differential Fees*	\$2,760
Instruments/Tools	\$190
Program Specific Fees	\$1,910
Resident Tuition and General Student Fees	\$11,260
Uniforms	\$170

Total Estimated Cost \$17,140

- Must be a credit-level student. Students can enter the Culinary Arts program in fall, winter, or spring terms. Fall term entry is highly recommended in order to begin the foundational Cooking Theories course sequence. Complete college placement tests with the following minimum scores: writing-70, reading-68 and readiness for MTH 025"taking the Arithmetic section of the Accuplacer test and scoring 75 or higher and attach copies of test score sheets to application.
- A Lane County Food Handlers card is required for entry into the program.
- Prerequisites are required for some courses. See course descriptions.
- All courses required for this program must be taken for a letter grade, not P/NP, and must be passed with a grade of C- or better.
- Directed electives may be met in any term of the two-year program. Check current class schedule for which Directed Electives are offered in a given term.
- Students may take Cooperative Education any term approved by the coordinator.
- To reach 2nd year status, the following classes must be taken and passed with min grade of C-: CA 163, CA 175, CA 200, HRTM 105, HRTM 106, and MTH 025 or higher.
- Students interested in transferring to a four-year institution should: 1. Substitute WR 121 or WR 121_H for WR 115W 2. Add MTH 111 and MTH 112 3. Add a speech course 4. Add WR 122 and WR 123
- MS PowerPoint and Excel are used extensively. If students are not familiar with these programs, they are encouraged to take these classes prior to or during their first year in the program.
- General Education Requirements may be completed prior to program entry or any program term. For complete details refer to the college catalog or meet with your academic advisor.

First Year	Fall
CA 160 Introduction to Cooking Theories 1	6
CA 175 Foodservice Sanitation and Safety	2
HRTM 105 Restaurant Operations	3
MTH 025 Basic Mathematics Applications or higher	3
	Winter
HRTM 106 Introduction to Hospitality Management	3
CA 162 Introduction to Cooking Theories 2	7
FN 105 Nutrition for Foodservice Professionals	3
General Education Requirement: HE 252 First Aid	3
	Spring
General Education Requirement: WR115 Introduction	
to college Writing or higher	4
General Education Requirement: Science/Math	
/Computer Science	3

	CA 163 Introduction to Cooking Theories 3	7 3
	Second Year	Fall
	General Education Requirement: Human Relations	3
_	General Education Requirement: Arts and Letters	3
, ,	CA 292 Advanced Cooking Theories 1 HRTM 265 Hospitality Financials 1	
, e	The first vision of the first state of the first st	
	04.000 4.1	Winter
	CA 293 Advanced Cooking Theories 2 HRTM 275 Hospitality Financials 2	7
	HRTM 220 Sustainability in the Hospitality Industry	2
	HRTM 260 Hospitality Human Resources and	_
	Supervision	3
	Directed Elective	2
	General Education Requirement: Choice of: Social Science or Science/Math/Computer Science or	
	Arts and Letters requirement	3
	7 tto drid 25ttoro roquiromontalitimi	Spring
•	CA 294 Advanced Cooking Theories 3	7
	HRTM 290 Hospitality Leadership	
	CA 176 Concepts of Taste and Flavor	
У	Directed Elective	2
S (-	:	Summer
t	CA 280 Co-op Ed: Culinary Arts, Second Year	7
-	Directed Electives	
;- h	Directed Electives (4 total credits required for Culinary A	ts and
	Food Service Managment AAS degree)	4
О	BA 278 Leadership and Team DynamicsBI 103H General Biology-Mushrooms	4
e	BT 163 QuickBooks	
	BT 123 MS EXCEL for Business	
:-	BT 122 MS POWERPOINT for Business	
r	BT 120 MS WORD for Business	4
	CA 120 Culinary Adventuring: Seasonal Baking	2
-	and Pastry CA 121 Culinary Adventuring: The Composition of Cake	2
s	CA 123 Culinary Adventuring: International Baking	_
d	and Pastry	2
u	CA 130 Culinary Adventuring: Oregon Wine Country	
n	CA 159 Kitchen Fundamentals	
),	CA 163A Beginning Baking and Pastry CA 163B Intermediate Baking and Pastry	
	CA 163C Advanced Baking and Pastry	2
n	CS 120 Concepts of Computing: Information Processing	4
d 2	FN 110 Personal Nutrition	3
_	HRTM 100 Introduction to Culinary and Hospitality HRTM 104 Introduction to Travel and Tourism	3
e	HRTM 109 Principles of Meetings and Convention	3
е	Management	3
.	HRTM 110 Hospitality Sales and Marketing	3
ο	HRTM 140 Hospitality Law and Security	3
r	HRTM 209 Advanced Principles of Meeting, Convention,	0
	and Special Event ManagementHRTM 205 Managing the Restaurant Operation	3
	HRTM 230 Hotel Operations 1	3
	HRTM 231 Hotel Operations 2	
	HRTM 286 Bar and Beverage Management	
	HST 104, 105, or 106 World History	
	PHL 201 Ethics	4
	COMM 130 Business and Professional Communication	4
	SUST 101 Introduction to Sustainability	3
	SUST 120 Gardening and Sustainable Food Systems	3
	Choice of:	
	WR 121 Academic Composition	
	WR 121_H Academic Composition	4
	General Education Requirement (21 total credits required Culinary Arts and Food Service Management AAS degree	
	MTH 025 Basic Mathematics Applications or higher	;, 3
	THE TENENT OF THE PROPERTY OF	3

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

General Education Requirement: Science/Math	
/Computer Science	3
General Education Requirement: HE 252 First Aid	3
General Education Requirement: Human Relations	3
General Education Requirement: Arts and Letters	3
General Education Requirement: Choice of: Social	
Science or Science/Math/Computer Science or	
Arts and Letters requirement	3
General Education Requirement: WR115 Introduction	
to college Writing or higher	4

Baking and Pastry

Offered by the Culinary Arts and Hotel/Restaurant/Tourism Management, 541.463.3518

Less than One-Year Certificate of Completion

Program Coordinator Wendy Milbrat, Project Specialist, 541.463.3518, *milbratw@lanecc.edu*

Purpose The certificate in Baking and Pastry is for students who want to gain entry into the food service industry as beginning bakers and pastry cooks.

Learning Outcomes The student who successfully completes all Baking and Pastry requirements will:

- develop essential and advanced baking and pastry knowledge and skills
- operate equipment including cook tops, food processors, ovens (baking, convection, and conventional), dough mixers and a variety of kitchen tools.
- perform mathematical functions related to food service operations.

Admission Information A separate application to the program is required. Admission information is available from the Culinary Arts and Hotel/Restaurant/Tourism Management office, Building 19, Room 204 or online at lanecc.edu/culinary; Or email: CulinaryHospPrograms@lanecc.edu

Advising and Counseling Program advisors, Claudia Riumallo and Tricia Lytton; Program counselor, Carolyn Litty

Costs (Estimate based on 2016-17 tuition and fees for p	rogram)
Books	\$250
Differential Fees*	\$831
Program Specific Fees	\$1,463
Resident Tuition and General Student Fees	\$2,666
Total Estimated Cost	\$5,210

^{*}This is the total of all differential fees attached to the course fees in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Must be a credit level student. Complete college placement tests with the following minimum scores: writing 70, reading 68 and readiness for MTH 025 or higher, taking the Arithmetic section of the Accuplacer test and scoring 75 or higher and attach copies of test score sheets to application.
- This certificate is a fall term start only.
- A Lane County Food Handlers card is required for entry into the program.
- Prerequisites are required for some courses. See course descriptions.
- All courses required for this certificate must be taken for a letter grade, not P/NP, and must be passed with a grade of C- or better.

	Fall
CA 175 Foodservice Sanitation and Safety	2
MTH 025 Basic Mathematics Applications: MTH 025C	
Basic Mth. App. Culinary Only strongly recommended	3
CA 163A Beginning Baking and Pastry	3

CA 120 Culinary Adventuring: Seasonal Baking	
and Pastry	2
	Winter
CA 163B Intermediate Baking and PastryCA 123 Culinary Adventuring: International Baking	2
and Pastry	2
CA 122 Artisan Breads	2
	Spring
CA 163C Advanced Baking and PastryCA 120 Culinary Adventuring: Seasonal Baking	2
and Pastry	2
CA 121 Culinary Adventuring: The Composition of Cake	2

Dual-Degree Option for Culinary Arts Students/Graduates

Offered by the Culinary Arts and Hospitality Management, 541.463.3518

Associate of Applied Science Degree

Program Coordinator Wendy Milbrat, Project Specialist, 541.463.3518, *milbratw@lanecc.edu;*or email: *CulinaryHospPrograms@lanecc.edu*

Purpose Advising Plan for Culinary Arts AAS students (Completing a second Two-Year Associate of Applied Science degree) Students who have obtained the 2 yr. AAS degree in Culinary Arts during the 2012-13 academic year or later may also complete the 2 yr AAS degree in Hospitality Management to enhance their industry skill set and education. This list shows the nine classes (24 credits) needed to complete this degree. Note: This dual degree is not an option for Hospitality Management graduates seeking a Culinary Arts 2 yr. AAS degree.

Costs This cost is in addition to the AAS Culinary Arts and Food Service Management degree.

Books	\$350
Program Specific Fees	\$40
Resident Tuition and General Student Fees	
Total Estimated Cost	\$3,150

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

	Fall
HRTM 225 Banquet Operations	2
HRTM 230 Hotel Operations 1	3
HRTM 286 Bar and Beverage Management	3
	Winter
HRTM 231 Hotel Operations 2	3
HRTM 110 Hospitality Sales and Marketing	3
HRTM 225 Banquet Operations	2
HRTM 140 Hospitality Law and Security	3
	Spring
HRTM 225 Banquet Operations	2
HRTM 205 Managing the Restaurant Operation	3

Dental Assisting

Offered by the Health Professions Division, 541.463.5617

One-Year Certificate of Completion

Program Coordinator Leslie Greer, Dental Assisting Program and Co-op Coordinator, Bldg. 5, Rm. 231, 541.463.5638, *greerl@lanecc.edu*

Purpose Prepares graduates for employment in the dental field with emphasis on current concepts and hands-on skills for clinical chairside assisting. Included classes also offer some crosstraining and pathways to dental receptionist-bookkeeper.

Learning Outcomes Upon completion of the Dental Assisting program, all graduates will be able to:

- demonstrate knowledge and ability to write/edit multiple types of professional communications.
- demonstrate knowledge and skill required to accurately expose, develop and mount diagnostic radiographs using multiple systems.
- demonstrate knowledge and skills needed to compute mixing amounts and calculate formulas utilized in dental procedures.
- demonstrate knowledge and skills required for business office procedures.
- demonstrate knowledge and skills required to access information via dental journals and web sites.
- demonstrate knowledge and skills required to systematically collect diagnostic data.
- demonstrate knowledge and skills needed to maintain a professional working environment.
- demonstrate knowledge and skills required to provide an aseptic environment and prevent disease transmission.
- demonstrate application of principles of ethical reasoning, decision making and professional responsibility.
- demonstrate interpersonal communication and collaborative skills to effectively interact with diverse population groups, health care providers, dental professionals and community groups.
- demonstrate knowledge and skills required to perform or assist with a variety of clinical treatments used in all areas of dentistry.

Accreditation Dental Assisting, American Dental Association's Commission on Dental Accreditation, a specialized accrediting board recognized by the U.S. Dept. of Education. The Commission may be contacted at 800.621.8099 or 312.440.4653 or 211 East Chicago Avenue, Chicago, Illinois 60611.

Licensing and Certification Upon graduation and successful completion of the board exams, students will qualify for the following: Certified Dental Assistant (CDA) - National credential Expanded Function Dental Assistant (EFDA)- Oregon credential Expanded Function Orthodontic Assistant (EFODA) - OR credential Oregon Radiological Proficiency - Oregon X-ray license Addition certificates to: Place pit and fissure sealants Place denture soft relines

Admission Information Contact the Health Professions Division or see *lanecc.edu/hp/dental/dental-assisting* Dental Assisting is a concentrated program that requires good reading and study skills. Dexterity for manipulation of small items and good eye-sight are also required. Evidence of a physical examination (within the previous nine months), immunizations, eye exam, drug screen and background check must be submitted prior to the start of the program. This program and profession includes possible exposure to blood borne pathogens and infectious diseases. Training is included to minimize risk to students and patients.

Advising and Counseling For assistance with meeting application or program requirements, contact Patsy Escobar or Allene Gibson in Counseling and Advising, Building 1 Room 103 or Kelly Ochoco in Building 30 Room 102. You can also E-mail *DAProgram@lanecc.edu* with your specific questions. An online Academic Advising resource can be found by going to lanecc.edu. Choose the "Moodle" link and in search courses type in the program name (e.g. Dental Assisting). Select "Academic Advising Resources for Dental Assisting".

Cooperative Education (Co-op) Co-op is a required class for students enrolled in the Dental Assisting Program. Through Co-op, students spend approximately 24 hours a week during spring term working in a minimum of two different professional dental offices. Co-op field experience offers students the opportunity to gain skills, connect theory and practice, and make contacts for

job openings. The required co-op seminar provides instruction on skills and documents needed to find employment.

Job Openings Projected through 2020

Lane County: 18 Statewide: 186

Openings are estimated to increase by 25%.

Nages

Lane County hourly average - \$19.63; annual average - \$40,824 Oregon hourly average - \$20.44; annual average - \$42,501

Costs (Estimates based on 2015-16 data for full-time students. Students attending part-time will incur additional term fees.)

Books	\$600
Certification, Licensure, Exams, Physicals	\$4,317
Differential Fees*	\$1,076
Resident Tuition and General Student Fees	\$5,296
Uniforms	\$375

Total Estimated Cost \$11,664

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

31-9091.00

Go to the Department of Labor's O*Net website for a profile of this occupation: Dental Assistants *onetonline.org/link/sum-mary/31-9091.00* Or check on these O*Net Related Occupations: Surgical Technologists *onetonline.org/link/summary/29-2055.00*

In academic year 2014-15, 23 students completed the Dental Assisting 1-year certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 9% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$14,822.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

- All DA courses must be passed with a class average of 75% or higher to remain in the program. (Courses with both a didactic and laboratory/clinical component must have a minimum grade of 75% in BOTH components to qualify as passing.)
- Human Relations prerequisites may be selected from the list below
- HO 150 and 152 are offered Online. Anatomy and Physiology courses (combination of BI 231,232 and 233) can be substituted for the HO 150/152 combo
- Some courses have prerequisites. See course descriptions
- All pre-req courses must be taken for a letter grade and passed with a 'C' or higher (C- not accepted).
- For DA courses, students must be accepted and enrolled in the Dental Assisting program*

^{*}The employed dental assistant may be eligible to register for any DA course offered if space permits AND the working assistant meets state credentialing qualifications by contacting the Program Coordinator, Leslie Greer 541.463.5638

Prerequisites	
MTH 052 Math for Health and Physical Sciences	4
Choice of:	
CIS 101 Computer Fundamentals	
CS 120 Concepts of Computing: Information	
Processing	3-4

HO 150 Human Body Systems 1 **

HO 152 Human Body Systems 2 **

** Anatomy and Physiology courses (combination of BI 231, 232 and 233) can be substituted for the HO 150/152 combo..... Choice of:

WR 115 Introduction to College Writing

WR 121 Academic Composition

CG 144 Introduction to Assertive Behavior

CG 203 Human Relations at Work

COMM 219 Small Group Communications

COMM 218 Interpersonal Communication

SOC 204 Introduction to Sociology

SOC 206 Institutions and Social Change

Although pre-requisite courses are not required to apply, their grades are used for application points and will make the application more competitive. Recommended pre-requisites can also accrue application points.

	Fall
DA 115 Dental Anatomy	3
DA 192 Dental Materials	3
DA 195 Chairside Procedures 1	6
DA 210 Dental Radiology	4
DA 107 Dental Health Education 1	1
	Winter
DA 108 Dental Health Education 2	3
DA 193 Dental Materials 2	3
DA 194 Dental Office Procedures	3
DA 211 Dental Radiology 2	3
DA 196 Chairside Procedures 2	7
	Spring
DA 102 Advanced Clinical Experiences	3
DA 103 Dentistry Law and Ethics	2
DA 206 Co-op Ed: Dental Assisting Seminar	1
DA 280 Co-op Ed: Dental Assisting	6

Dental Hygiene

Offered by the Health Professions Division, 541.463.5617

Associate of Applied Science Degree

Program Coordinator Sharon Hagan RDH, M.S. Dental Hygiene Program and Co-op Coordinator, Bldg. 19, Rm. 263A, 541.463.5616, hagans@lanecc.edu

Purpose To Prepare dental hygiene students for entry into the dental hygiene profession as a licensed clinician providing preventive, therapeutic, restorative and educational methods for the control of oral disease and promotion of optimal oral health

Learning Outcomes Purpose To prepare dental hygiene students for entry into the dental hygiene profession as a licensed clinician providing preventive, therapeutic, restorative and educational methods for the control of oral disease and promotion of optimal health.

 demonstrate application of principles of ethical reasoning, decision making and professional responsibility in the provision and support of evidence based oral health care services, research, patient care and practice management.

- demonstrate critical thinking, problem solving and self-evaluation in the provision of comprehensive care, selection of patient management strategies, and professional competence development.
- select and plan educational and clinical services for periodontal diseases using appropriate interpersonal communication, comprehensive data collection, knowledge of periodontal conditions and therapies, and educational strategies.
- access, critically appraise, apply and communicate evidence based practices for all periodontal classifications within diverse patient populations.
- demonstrate interpersonal communication and collaborative skills to effectively interact with diverse population groups, health care providers, dental professionals and community groups.
- demonstrate application of refined instrumentation skills for periodontal, restorative and therapeutic interventions for individuals at all stages of life.
- demonstrate application of behavioral sciences and patient centered approaches to promote, improve and maintain oral health.
- use assessment, planning, implementation and evaluation for the provision of dental hygiene services and disease prevention strategies within diverse, multicultural and special needs populations, and community groups.
- demonstrate use of mathematical and statistical concepts in the application of clinical and preventive dental care strategies.
- use appropriate library and information resources to research professional issues, develop community health program planning and to support lifelong learning.
- experiential Learning: membership in the Student American Dental Hygienist's Association (SADHA) at the state and national level. Professional meetings and continuing education offerings. Assessment, Planning, Implemenation and Evaluation of community health programs. Off campus experiences with community clinics, school-based screenings, presentations for health fairs, classrooms, inter-professional collaboration and visitations to specialty and general dental offices/clinics.

Accreditation Dental Hygiene, accredited by The American Dental Association's Commission on Dental Accreditation, a specialized accrediting board recognized by the U.S. Dept. of Education. The Commission may be contacted at 312.440.4653 or 211 East Chicago Avenue, Chicago, Illinois 60611.

Licensing and Certification Registered Dental Hygienist

Admission Information See *lanecc.edu/hp/dental/dental-hygiene* for additional information and the admission packet.

Advising and Counseling For assistance in meeting program or application requirements, please go to Counseling and Advising in Building 1, Room 103, or e-mail *DHProgram@lanecc.edu*

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Only students who have received their official program acceptance letter or who are currently enrolled in the dental hygiene program may take Dental Hygiene Co-op.

Job Openings Projected through 2020

Mid-Willamette and Mid-Coast region openings - 13 annually Statewide openings - 148 annually

Wages

Lane County average hourly - \$39.40; average annual - \$81,959 Oregon average hourly - \$37.57; average annual - \$78,129

Costs Program costs include: tuition and general student fees; course fees for professional supplies; Instrument and restorative instructional supplies; books, uniforms and magnification lenses; program specific course fees for dental hygiene education; and professional exams, licensure fees and physicals.

Books	\$2,560 \$1,500 \$11,712 \$6,300
Resident Tuition and General Student Fees	, .,

Total Estimated Cost \$31,691

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Students must be accepted in Dental Hygiene Program to enroll in DH courses
- All courses listed below must be passed with a letter grade of 'C' or better

Prerequisites

BI 112 Cell Biology for Health Occupations CH 112 Chemistry for Health Occupations	4 4
Choice of:	
WR 121 Academic Composition WR 121_H Academic Composition	4
BI 231 Human Anatomy and Physiology 1	4
BI 232 Human Anatomy and Physiology 2	4
BI 233 Human Anatomy and Physiology 3	4
FN 225 Nutrition	4
Choice of:	
SOC 204 Introduction to Sociology Soc 205 Social Stratification and Systems	
Soc 206 Institutions and Social Change	4
MTH 052 Math for Introductory Physical Sciences	4
Choice of: PSY 201,202,203 General Psychology	4
Choice of: WR 123 Composition: Research WR 227	
Technical Writing	. 4
Choice of: COMM 100 Basic Communication COMM 111 Fu	
mentals of Public Speaking DH 280 Co-op Ed: Dental Hygiene	4
First Year	Fall
DH 107 Dental Infection Control and Safety DH 243A Oral Roentgenology 1	1 2
DH 113 Dental Anatomy and Histology	2
DH 118A Clinical Dental Hygiene 1	4
DH 118B Clinical Dental Hygiene 1 Lab	2
DH 228 Oral Biology 1	4
DH 243B Oral roentgenology 1 Lab	1
	Winter
DH 119A Clinical Dental Hygiene 2	3
DH 119B Clinical Dental Hygiene 2 Lab	4
DH 139 Special Needs Patient and Dental Emergencies	2
DH 229 Oral Pathology for the Dental Hygienist	3
DH 244A Oral Roentgenology 2	1 1
DH 244B Oral Roentgenology 2 Lab	-
	Spring
DH 120A Clinical Dental Hygiene 3:Lecture/seminar	3
DH 254 Pharmacology DH 120B Clinical Dental Hygiene 3 Clinic Lab	3 4
DH 132 Dental Materials for the Dental Hygienist	2
Second Year	Fall
DH 220A Clinical Dental Hygiene 4-Lecture/seminar	2
DH 233 Anesthesia/Analgesia for Dental Hygiene Therapy	3
DH 270 Periodontology 1	2
DH 220B Clinical Dental Hygiene 4 Lab	5
DH 275 Restorative Dentistry 1	3
	Winter
DH 221A Clinical Dental Hygiene 5	2
DH 221B Clinical Dental Hygiene 5 Lab	6
DH 237 Community Dental Health	3
DH 271 Periodontology 2	1
DH 276 Restorative Dentistry 2	3

	Spring
DH 234Trends and Issues in Dental Hygiene	2
DH 238 Community Dental Health	1
DH 277 Restorative Dentistry 3	1
BI 234 Introductory Microbiology	4
DH 222B Clinical Dental Hygiene 6 Lab	5
DH 222A Clinical Dental Hygiene 6	2

Diesel Technology

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

Two-Year Certificate of Completion - Diesel Technology

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare the graduate for employment in occupations such as heavy equipment technician and highway truck technician. Possible job opportunities are available with truck fleets, logging fleets, heavy construction companies, OEM dealerships, road construction contractors, parts sales, general heavy equipment repair shops, agriculture fleets and repair shops.

Learning Outcomes The student who successfully completes all Diesel Technology requirements will:

- access library, computing, and communications services and obtain information and data from regional and national networks.
- identify and explain various technologies used in the repair of on- and off-highway vehicles.
- demonstrate and use industry safety standards.
- demonstrate math skills using formulas to find force, pressure, area, and volume.
- use lab station simulators to diagnose and troubleshoot system components.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel fuel systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose brake systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose power train systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment to diagnose hydraulic systems and components found on highway trucks, off highway vehicles and stationary hydraulic systems including construction equipment, agriculture equipment, marine applications, truck equipment and plant hydraulics.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel electrical systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.

demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel engines and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.

Accreditation Diesel Technology, evaluated and accredited by the Association of Equipment Distributors Foundation (AEDF). Membership: Northwest Diesel Industry Council (NDC) and Oregon Trucking Association (OTA).

Admission Information See *lanecc.edu/advtech/ds* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Diesel Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits in DS 280 may be earned in lieu of required Diesel Technology course credits. Contact Chuck Fike, Diesel Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Specialty	Oregon	Lane County
Mobile Heavy Machinery Mechanics	59	7
Farm Equipment Mechanics	37	12
Heavy and Tractor-Trailer Truck Drivers	690	61
Bus and Truck Mechanics/Diesel Specialists	s 127	13
First-Line Supervisors of Mechanics	136	10
Recreational Vehicle Service Technicians	19	5
Industrial Machinery Mechanics	274	18
Total	1342	126

Wages

Lane County average hourly - \$24.21; average annual - \$50,353 Oregon average hourly - \$24.23; average annual - \$50,395

Costs (Estimate based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$2,397
Differential Fees*	\$2,724
Instruments/Tools	\$400
Program Specific Fees	\$1,651
Resident Tuition and General Student Fees	\$12,425

Total Estimated Cost \$19,597

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- WR 115 and the PE/Health requirement must be completed with a Pass or "C-" grade or better.
- Arts and Letters choices are listed on the Associate of Applied Science degree page.
- All DS, MFG courses and MTH 075/085 must be completed with a letter grade of "C-" or better.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

First Year	Fall
DS 155 Heavy Equipment Hydraulics	12
MTH 075 Applied Algebra for Technicians	4
	Winter
PE/Health Requirement	3
WLD 121 Shielded Metal Arc Welding 1	4
DS 154 Heavy Duty Braking Systems	12
	Spring
Human Relations Requirement	3
DS 158 Heavy Equipment Chassis and PowerTrains WR 115W Introduction to College Writing: Workplace	12
Emphasis	3
Second Year	Fall
Choice of: MFG101 Safety and Basic Shop Practice	
WLD122 Shielded Metal Arc Welding 2	3-4
DS 256 Diesel and Auxiliary Fuel Systems	12
MTH 085 Applied Geometry for Technicians	4
	Winter
DS 257 Diesel Electrical Systems	12
Processing	4
WLD 143 Wire Drive Welding 1	4
	Spring
DS280 Cooperative Education: Diesel	3
DS 259 Diesel Engines and Engine Overhaul	12
Arts and Letters Requirement	3

Diesel Technology

Offered by the Advanced Technology Division, 541.463.5380

Two-Year Certificate of Completion

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare the graduate for employment in occupations such as heavy equipment technician and highway truck technician. Possible job opportunities are available with truck fleets, logging fleets, heavy construction companies, OEM dealerships, road construction contractors, parts sales, general heavy equipment repair shops, agriculture fleets and repair shops.

Learning Outcomes The graduate will:

- access library, computing, and communications services and obtain information and data from regional and national networks.
- identify and explain various technologies used in the repair of on- and off-highway vehicles.
- demonstrate and use industry safety standards.
- demonstrate math skills using formulas to find force, pressure, area, and volume.
- use lab station simulators to diagnose and troubleshoot system components.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel fuel systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose brake systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

and operation using industry standard tooling and equipment, to diagnose power train systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.

- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment to diagnose hydraulic systems and components found on highway trucks, off highway vehicles and stationary hydraulic systems including construction equipment, agriculture equipment, marine applications, truck equipment and plant hydraulics.
- demonstrate troubleshooting, maintenance and repair procedures including: testing, disassembly, failure analysis, assembly and operation using industry standard tooling and equipment, to diagnose diesel electrical systems and components found on highway trucks, off highway vehicles and stationary applications including construction equipment, agriculture equipment, marine applications, truck equipment and power generation.

Admission Information See *lanecc.edu/advtech/ds* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Diesel Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits in DS 280 may be earned in lieu of required Diesel Technology course credits. Contact Chuck Fike, Diesel Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Specialty	Oregon	Lane County
Mobile Heavy Machinery Mechanics	59	7
Farm Equipment Mechanics	37	12
Heavy and Tractor-Trailer Truck Drivers	690	61
Bus and Truck Mechanics/Diesel Specialis	sts 127	13
First-Line Supervisors of Mechanics	136	10
Recreational Vehicle Service Technicians	19	5
Industrial Machinery Mechanics	274	18
Total	1342	126

Wages

Lane County average hourly - \$24.21; average annual - \$50,353 Oregon average hourly - \$24.23; average annual - \$50,395

Costs (Estimate based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$2,104
Instruments/Tools	\$400
Program Specific Fees	\$3,755
Resident Tuition and General Student Fees	\$10,920

Total Estimated Cost \$17,179

Gainful Employment Disclosure

49-3031.00

Standard Occupational Classification: 49-3031.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Bus and Truck Mechanics and Diesel Engine Specialists *Onetonline.org/link/summary/49-3031.00* Or check on these O*Net Related Occupations: Mobile Heavy Equipment Mechanics, Except Engines *onetonline.org/link/summary/49-3042.00*

In academic year 2014-15, 8 students completed this certificate.

The program is designed to take 8 terms, or about 24 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Arts and Letters choices are listed on the Associate of Applied Science degree page.
- WR115 and the PE/Health requirement must be completed with a Pass or "C-" grade or better.
- All DS, MFG courses and MTH 075 must be completed with a letter grade of "C-" or better.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

First Year	Fall
DS 155 Heavy Equipment Hydraulics	12
MTH 075 Applied Algebra for Technicians	4
	Winter
WLD 121 Shielded Metal Arc Welding 1	4
DS 154 Heavy Duty Braking Systems	12
	Spring
DS 158 Heavy Equipment Chassis and PowerTrains WR 115W Introduction to College Writing: Workplace	12
Emphasis	3
Human Relations Requirement	3
Carand Vanu	
Second Year	Fall
Choice of:	Fall
Choice of: MFG101 Safety and Basic Shop Practice	
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2	3-4
Choice of: MFG101 Safety and Basic Shop Practice	3-4 12
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2 DS 256 Diesel and Auxiliary Fuel Systems	3-4 12 Winter
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2 DS 256 Diesel and Auxiliary Fuel Systems DS 257 Diesel Electrical Systems	3-4 12 Winter 12
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2 DS 256 Diesel and Auxiliary Fuel Systems	3-4 12 Winter
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2 DS 256 Diesel and Auxiliary Fuel Systems DS 257 Diesel Electrical Systems	3-4 12 Winter 12
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2 DS 256 Diesel and Auxiliary Fuel Systems DS 257 Diesel Electrical Systems	3-4 12 Winter 12 4
Choice of: MFG101 Safety and Basic Shop Practice WLD122 Shielded Metal Arc Welding 2 DS 256 Diesel and Auxiliary Fuel Systems DS 257 Diesel Electrical Systems WLD 143 Wire Drive Welding 1	3-4 12 Winter 12 4 Spring

Drafting

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

One-Year Certificate of Completion - Drafting

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare students for careers in architectural and mechanical drafting. The profession requires attention to detail and the ability to learn mathematical, visual, and communication skills. Architectural Drafters may work for a residential designer, a structural engineer, an architect, a cabinet shop, or a construction firm. Mechanical Drafters may work in the manufacture of electronics, precision sheet metal, heavy equipment, steel fabrication, process piping, and plastics.

Learning Outcomes The graduate will be able to:

• demonstrate basic competence in the use of at least one CAD

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

software program. (Setup a drawing, create and modify text and geometry, use associative dimensioning correctly, create, store, and use blocks or symbols, manage object properties including linetype and layer, create objects in three dimensions, and print or plot drawings using a correct scale.).

- · demonstrate basic graphical literacy.
- explain basic standard practices in architectural and mechanical drafting.
- interpret the concepts of a problem-solving task and translate them into mathematical language, and solve using mathematical operations.
- students will produce 3D parametric models that enable learners to think and create in three dimensions with sophisticated design software. These solid models are the principal means of communicating design ideas and developing new products and systems in the Architectural, Engineering and Construction Industries. Students will then be able to utilize a 3D printer to create an actual model.
- use graphic principles in the solution of problems relating to drafting and/or design.
- access information from public libraries, research libraries, online sources, appropriate codes and standards, professional organizations, and vendor catalogs.
- produce drawings in accordance with industry standards, e.g., ANSI/ASME, AIA, building codes.

Admission Information See lanecc.edu/advtech/dft or contact the Advanced Technology Division, AdvTechPrograms@lanecc.edu

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers drafting students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Contact Gerry Meenaghan, Drafting Co-op Coordinator, Bldg 19, Rm. 231A. 541.463.5883, meenaghang@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 4 annually Statewide openings - 66 annually

Wages

Lane County average hourly - \$22.88 to \$26.23; average annual - \$47,575 to \$ 54,562

Oregon average hourly - \$25.41 to \$27.79; average annual - \$52,861 to \$57,799

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

,	
Books	\$2,591
Program Specific Fees	\$304
Resident Tuition and General Student Fees	\$10,510

Total Estimated Cost \$13,405

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- PE/Health requirement, WR 121, and DRF 206 must be completed with a grade of "Pass" or "C-" or better.
- Human Relations and Health/PE choices are listed on the Associate of Applied Science degree page.
- All DRF and CST courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C-" or better to satisfy program requirements.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school

diploma or equivalent is recommended for all applicants to this program. Basic computer literacy skills are a prerequisite to any CAD course.

First Year	Fall
Human Relations Requirement	3
CS120 Concepts of Computing: Information Processing	
or higher computer science	4
MTH 075 Applied Algebra for Technicians or higher mathematics	4
DRF 160 Computer-Aided Drafting and Design	4
	Winter
DRF 137 Architectural Plans	4
Directed Elective	4
MTH 085 Applied Geometry for Technicians or higher	
mathematics	4 2
COT 122 CONSTRUCTION COdes	_
ET 121 Shop Practices	Spring 2
COOP 206 Co-op Ed: Internship Seminar	2
Choice of:	
WR 121 Academic Composition	_
WR 121_H Academic Composition DRF 121 Mechanical Drafting	4 4
DRF 245 Solid Modeling	4
Second Year	Fall
DRF 235 Mechanical Design Skills	4
DRF 210 Commercial Buildings	4
DS 155 Heavy Equipment Hydraulics	1
PE/Health Requirement DRF 205 Drafting: Structures	3 4
Diff 200 Dialiting. Structures	Winter
DRF 236 Machine Elements	4
DRF 207 Drafting: Strength of Materials	4
DRF 220 Building Information Modeling	4
WR 227 Technical Writing	4
	Spring
Directed Elective	3-4
Directive Elective DRF 211 Sustainable Building Systems	3-4 4
ENGR 280D Co-op Ed: Drafting	3
Directed Electives	
ART 216 Digital Design Tools	
CIS102 Problem Solving with Computers CIS140W Intro to Oper Systems: Windows	
CIS 195 Web Authoring 1	
CS179 Intro to Computer Networks	
CST 116 Construction Estimating	
DS 154 Heavy Duty Braking Systems (3 credits) DS 257 Diesel Electrical Systems (3 credits)	
DS 259 Diesel Engines (3 credits)	
GIS 151 Digital Earth	
GIS 245 GIS 1	
GS 104 Physical Science (physics) GS 105 Physical Science (chemistry)	
MFG 101 Safety and Basic Shop Practice	
MUL 101 Intro to Media Arts	
MUL 212 Digital Imaging	
WLD 143 Wire Drive Welding 1	
WLD 151 Fund of Metallurgy	

Drafting

Offered by the Advanced Technology Division, 541.463.5380

One-Year Certificate of Completion

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare students for careers in architectural and mechanical drafting. The profession requires attention to detail

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

and the ability to learn mathematical, visual, and communication skills. Architectural Drafters may work for a residential designer, a structural engineer, an architect, a cabinet shop, or a construction firm. Mechanical Drafters may work in the manufacture of electronics, precision sheet metal, heavy equipment, steel fabrication, process piping, and plastics.

Learning Outcomes The student who successfully completes all Drafting requirements will:

- demonstrate basic competence in the use of at least one CAD software program. (Setup a drawing, create and modify text and geometry, use associative dimensioning correctly, create, store, and use blocks or symbols, manage object properties including linetype and layer, create objects in three dimensions, and print or plot drawings using a correct scale.).
- · demonstrate basic graphical literacy.
- explain basic standard practices in architectural and mechanical drafting.
- interpret the concepts of a problem-solving task and translate them into mathematical language, and solve using mathematical operations.
- students will produce 3D parametric models that enable learners to think and create in three dimensions with sophisticated design software. These solid models are the principal means of communicating design ideas and developing new products and systems in the Architectural, Engineering and Construction Industries. Students will then be able to utilize a 3D printer to create an actual model.

Admission Information See *lanecc.edu/advtech*/dft or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers drafting students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Contact Gerry Meenaghan, Drafting Co-op Coordinator, Bldg 19, Rm. 231A. 541.463.5883, meenaghang@lanecc.edu

Job Openings Projected through 2020

Lane County: 4 positions Statewide: 66 positions

Wages

Lane County average hourly - \$22.88 to \$26.23; average annual - \$47,575 to \$54,562

Oregon average hourly - \$25.41 to \$27.79; average annual - \$52,861 to \$57.799

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,317
Program Specific Fees	\$140
Resident Tuition and General Student Fees	\$5,152
Total Estimated Cost	\$6,609

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

17-3011.01

Go to the Department of Labor's O*Net website for a profile of this occupation: Architectural Drafters *Onetonline.org/link/summary/17-3011.01* Or check on these O*Net Related Occupations: Civil Drafters *onetonline.org/link/summary/17-3011.02* Mechanical Drafters *onetonline.org/link/summary/17-3013.00*

In academic year 2014-15, 9 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for ten or fewer graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- PE/Health requirement, WR 121, and DRF 206 must be completed with a grade of "Pass" or "C-" or better.
- Human Relations and Health/PE choices are listed on the Associate of Applied Science degree page.
- All DRF and CST courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C-" or better to satisfy program requirements.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program. Basic computer literacy skills are a prerequisite to any CAD course.

	Fall
CS 120 Concepts of Computing: Information Processing	
or higher computer science	
Human Relations Requirement	3
MTH 075 Applied Algebra for Technicians or higher	
mathematics	4
DRF 160 Computer-Aided Drafting and Design	4
	Winter
DRF 137 Architectural Plans	4
MTH 085 Applied Geometry for Technicians or higher	
mathematics	4
Directed Elective: Choose One	4
CST 122 Construction Codes	2
	Spring
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition	4
ET 121 Shop Practices	2
COOP 206 Co-op Ed: Internship Seminar	2
DRF 121 Mechanical Drafting	4
DRF 245 Solid Modeling	4
Directed Electives	
ART 216 Digital DesignTools	
CIS102 Problem Solving with Computers	
CIS140W Intro to Oper Systems: Windows	
CS179 Intro to Computer Networks	
CST 116 Construction Estimating	
GIS 151 Digital Earth	
GIS 245 GIS 1	
GS 104 Physical Science (physics)	
GS 105 Physical Science (chemistry)	
MUL 212 Digital Imaging	
WLD 143 Wire Drive Welding 1	

Early Childhood Education

Offered by the Social Science Department, 541.463.5427

Associate of Applied Science Degree

One-Year Certificate of Completion - Early Childhood Education

Career Pathway Certificate - Early Childhood Teacher Aide 1

Career Pathway Certificate - Guidance and Curriculum

Career Pathway Certificate - Infant and Toddler

Program Coordinator Jean Bishop, bishopj@lanecc.edu; 541.463.5287, Building 24, Room 121

Purpose Prepares graduates to work in an early childhood learning environment as classroom teaching assistants.

Learning Outcomes The graduate will:

- facilitate the operation of child development programs ranging from working with children and families to administration and management.
- develop research skills and confidence to access information using print and computer resources, specifically the Internet, the library's on-line catalog and basic library reference sources.
- master application of basic mathematics to use in everyday life and business transactions, including measurement, introduction of probability and statistics, reading graphs and tables, and signed numbers.

Advising and Counseling Lori Areford can be reached at *educationadvising@lanecc.edu* or at 541.463.5860. Leslie Soriano can be reached at *sorianol@lanecc.edu* or at 541.463.5512.

Cooperative Education (Co-op) Please contact Kathleen Lloyd, Iloydk@lanecc.edu;541.463.5527, Building 24/27 Early Childhood Education (ECE) majors are required to complete 5 credits of ED280EC to earn the ECE AAS degree. Students are eligible to enroll in the course once they have completed 5 terms of Practicum. Cooperative education work sites and schedules vary.

Job Openings Projected through 2020

Childcare Worker

Lane County openings - 31 annually Statewide openings - 426 annually

Teacher Assistant

Lane County openings - 51 annually Statewide openings - 534 annually

Preschool Teacher

Lane County openings - 23 annually Statewide openings - 230 annually

Wages

Childcare Worker

Lane County average hourly wage - \$10.92; average annual - \$22,710

Oregon average hourly wage- \$11.95; average annual - \$24,852

Teacher Assistant

Lane County average annual - \$28,513

Oregon average annual -\$30,222

Preschool Teacher

Lane County average hourly wage- \$13.49; average annual - \$28,062

Oregon average hourly wage- \$14.91; average annual - \$31,026

Costs (Estimate based on 2015-16 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,800
Program Specific Fees	\$150
Resident Tuition and General Student Fees	\$8,650

Total Estimated Cost \$10,600

Course Requirements

- See course descriptions for prerequisite information
- For choices in Foundational Skills and Discipline Studies, see AAS degree description
- MTH course must be taken for a grade, not P/NP
- For choices in Foundational Skills and Discipline Studies, see AAS degree description.

First Year	Fall
ECE 110 Observing Young Children's Behavior	1
ECE 120 Introduction to Early Childhood	2
ECE 130 Guidance of Young Children	3 4
WR 115 Introduction to College Writing ECE 140 Practicum 1 LCC Lab School	3
ECE 105 Health and Safety Issues in Early Childhood	3
Education	2
	Winter
HDFS 226 Child Development	3
ECE 140 Practicum 1 LCC Lab School	3
ECE 150 Creative Activities for Children	3
ECE 170 Infants and Toddlers Development	4
MTH 025 Basic Mathematics Applications or higher	-
	Spring
Directed electives (refer to list below)	
ECE 160 Exploring Early Childhood Curriculum	4
ECE 240 Practicum 2 LCC Lab School	4
FN 130 Family Food and Nutrition	3
Choice of: ANTH 103 Cultural Anthropology	
CG 203 Human Relations at Work	3-4
Second Year	Fall
Directed electives (refer to list below)	
ECE 240 Practicum 2 -LCC Lab School	4
ECE 210 Applying Early Childhood Curriculum	4
Science/Math/Sompater Science requirement	Winter
Discipline Studies requirement, Choice of:	vviiitei
Arts and Letters	
Social Science	
Science/Math/Computer Science	4
ECE 230 Family, School, Community Relations	3
ECE 240 Practicum 2 -LCC Lab School	4
HDFS 227 Children Under Stress	•
	Spring
ECE 250 Infant and Toddler Environments ECE 260 Administration of Child Care Programs	3
Arts/Letters requirement	3
Choice of:	3
Health Requirement	
Physical Education Activity requirement	3
First Vans Caring	

First Year Spring

Directed electives may be selected from the following list. Alternative courses must be approved by the Program Coordinator in advance.

CG 144 Introduction to Assertive Behavior ED 225 Creative Dance for Children ENG 100 Children's Literature HDFS 228 Young Children with Special Needs ECE 253 Diversity Issues in Early Childhood Education

Second Year Fall

Directed electives may be selected from the following list. Alternative courses must be approved by the Program Coordinator in advance.

CG 144 Introduction to Assertive Behavior ED 225 Creative Dance for Children ENG 100 Children's Literature HDFS 228 Young Children with Special Needs ECE 253 Diversity Issues in Early Childhood Education

Early Childhood Education

Offered by the Social Science, 541.463.5427

One-Year Certificate of Completion

Program Coordinator Contact Jean Bishop, bishopj@lanecc.edu;541.463.5287, Building 24, Room 201

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Purpose To prepare students for successful careers as early child-hood professionals in a variety of settings: for-profit and not-for-profit child development centers, on-site child development centers in the business community, university and community college laboratory programs, government sponsored programs such as Head Start and Even Start, and in a family childcare business.

Learning Outcomes The student who successfully completes all Early Childhood Education requirements will:

- choose age appropriate guidance methods to enhance the child's development of self-worth, self-esteem, problem-solving skills and abilities for day-to-day life.
- design and effectively use environments that maximize children's abilities to make choices, explore personal power, and develop empathy and caring.
- master application of basic mathematics to use in everyday life and business transactions, including measurement, introduction of probability and statistics, reading graphs and tables, and signed numbers.

Advising and Counseling Lori Areford, educationadvising@ lanecc.edu; Building 19, Room 247 Leslie Soriano, sorianol@ lanecc.edu; 541.463.5512, Center Building, Room 204

Cooperative Education (Co-op) Please contact Kathleen Lloyd, lloydk@lanecc.edu;541.463.5527, Building 24/27 Early Childhood Education (ECE) majors are required to complete 5 credits of ED280EC to earn the ECE AAS degree. Students are eligible to enroll in the course once they have completed 5 terms of Practicum. Cooperative education work sites and schedules vary.

Job Openings Projected through 2020

Lane County openings - 23 annually

Statewide openings - 230 annually

Wages

Lane County average hourly wage- \$14.91; average annual - \$31.026

Oregon average hourly wage- \$13.49; average annual - \$28,062

Costs (Estimate based on 2015-16 tuition and fees. Consult Lane's website for updated tuition.)

Books	, ,
Total Estimated Cost	\$6,652

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

25-2011.00

Go to the Department of Labor's O*Net website for a profile of this occupation: Preschool Teachers, Except Special Education *Onetonline.org/link/summary/25-2011.00*

In academic year 2014-15, 10 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 20% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$10,500.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- All ANTH, CG, ECE, ED, FN, HDFS, and directed electives must be taken for a grade, not P/NP, and must be passed with a 'C-' or better to fulfill program requirements
- MTH course must be taken for a grade, not P/NP
- See course descriptions for prerequisite information
- For choices in Foundational Skills and Discipline Studies, see AAS degree description.

	Fall
ECE 105 Health and Safety Issues in Early Childhood	
Education	2
ECE 110 Observing Young Children's Behavior	1
ECE 120 Introduction to Early Childhood	2
ECE 130 Guidance of Young Children	3
ECE 140 Practicum 1 LCC Lab School	3
WR 115 Introduction to College Writing	4
	Winter
HDFS 226 Child Development	3
ECE 140 Practicum 1 LCC Lab School	3
ECE 150 Creative Activities for Children	3
ECE 170 Infants and Toddlers Development	4
MTH 025 Basic Mathematics Applications or higher	3
	Spring
Directed Elective (refer to list below)	
ECE 160 Exploring Early Childhood Curriculum	4
ECE 240 Practicum 2 LCC Lab School	4
FN 130 Family Food and Nutrition	3
Choice of:	
ANTH 103 Cultural Anthropology	
CG 203 Human Relations at Work	3-4

Directed electives may be selected from the following list.

Alternative courses must be approved by the Program Coordinator in advance.

CG 144 Introduction to Assertive Behavior

CG 204 Eliminating Self-Defeating Behavior

ED 225 Creative Dance for Children

ENG 100 Children's Literature

HDFS 228 Young Children with Special Needs

ECE 253 Diversity Issues in Early Childhood Education

Early Childhood Teacher Aide 1

Offered by the Social Science Department, 541.463.5427

Career Pathway Certificate

Program Coordinator Application information is available from the Early Childhood Education program coordinator Jean Bishop, Bldg. 24, Rm. 121, 541.463.5287 and Enrollment and Student Financial Services, as well as online at *lanecc.edu/cfe/ece*.

Purpose Prepares student to work in an early childhood education setting as a Teacher Aide 1 as defined by the Oregon Child Care Division. Students completing this certificate will also achieve Level 7.5 in the Oregon Professional Development Registry for Early Childhood.

Learning Outcomes The graduate will:

- develop a creative Imagination to understand suitable art forms to offer young children.
- be able to explain theories of development relating to the early years.
- express and understand the use of guidance that supports moral autonomy in young children.
- identify state rules and regulations regarding health and safety which govern licensing of early childhood programs.
- demonstrate in a supervised lab school setting awareness of consistent, appropriate guidance and developmentally appropriate.

Advising and Counseling Lori Areford can be reached at *educationadvising@lanecc.edu*. Leslie Soriano can be reached at *sorianol@lanecc.edu* or at 541.463.5512.

Course Requirements

- All classes, with the exception of ECE 105 are articulated at LCC as College Now classes.
- ECE 105 and ECE 130 must be taken at LCC (or a similar class at another college) for college credit.

ECE 105 Health and Safety Issues in Early	
Childhood Education	2
ECE 120 Introduction to Early Childhood	2
ECE 130 Guidance of Young Children	3
ECE 150 Creative Activities for Children	3
ECE 140 Practicum LCC Lab School	3
HDFS 226 Child Development	3

Guidance and Curriculum

Offered by the Social Science Department, 541.463.5427

Career Pathway Certificate

Program Coordinator Jean Bishop, bishopj@lanecc.edu; 541.463.5287

Purpose Prepares graduates to work as early childhood education teaching assistants.

Learning Outcomes The graduate will:

- analyze teaching experiences and goals, then match planning to philosophy of teaching and educational practice.
- explain theories of development relating to the early years.
- express and understand the use of developmentally appropriate guidance.
- identify developmental characteristics and developmental needs of young children in the areas of physical, intellectual, emotional, social and language development.

Advising and Counseling Lori Areford can be reached at *educationadvising@lanecc.edu*. Leslie Soriano can be reached at *sorianol@lanecc.edu* or at 541.463.5512.

Course Requirements

 All ECE courses must be taken for a grade, not P/NP, and must be passed with a 'C-' or better to fulfill program requirements

ECE 120 Introduction to Early Childhood	2
ECE 130 Guidance of Young Children	3
ECE 140 Practicum 1 -LCC Lab School	3
ECE 150 Creative Activities for Children	3
ECE 160 Exploring Early Childhood Curriculum	4
ECE 210 Applying Early Childhood Curriculum	4

Infant and Toddler

Offered by the Social Science Department, 541.463.5427

Career Pathway Certificate

Program Coordinator Jean Bishop, bishopj@lanecc.edu; 541.463.5287, Building 24, Room 121

Purpose Prepares graduates to plan environments of high quality for infants and toddlers and carry out developmentally appropriate curriculum.

Learning Outcomes The graduate will:

- choose suitable equipment and materials for infants and toddlers.
- express and understand the use of developmentally appropriate guidance.
- identify developmental characteristics and developmental needs of infants and toddlers in the areas of physical, intellectual, emotional, social and language development.
- identify state rules and regulations which govern certification of infant and toddler centers.

Advising and Counseling Lori Areford can be reached at *educationadvising@lanecc.edu*. Leslie Soriano can be reached at *sorianol@lanecc.edu* or at 541.463.5512.

Cooperative Education (Co-op) Please contact Kathleen Lloyd, lloydk@lanecc.edu;541.463.5527, Building 24/27 Early Childhood Education (ECE) majors are required to complete 5 credits of ED280EC to earn the ECE AAS degree. Students are eligible to enroll in the course once they have completed 5 terms of Practicum. Cooperative education work sites and schedules vary.

Course Requirements

 All ECE and HDFS courses must be taken for a grade, not P/ NP, and must be passed with a 'C-' or better to fulfill program requirements

ECE 130 Guidance of Young Children	3
ECE 140 Practicum 1 LCC Lab School	3
ECE 170 Infants and Toddlers Development	4
ECE 250 Infant and Toddler Environments	3
HDFS 226 Child Development	3
ECE 250 Infant and Toddler Environments	3

Electrician Apprenticeship Technologies

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

One-Year Certificate of Completion - Electrician Apprenticeship Technologies

Less than One-Year Certificate of Completion - Limited Electrician Apprenticeship Technologies

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, *crumpj@lanecc.edu*

Purpose To provide a structured system of training in the electrician trade or occupation leading to certification and journey-level status, only for apprentices who are sponsored by individual employers, accepted by a Joint Apprenticeship Training Committee, and registered with the State of Oregon Bureau of Labor and Industries.

Learning Outcomes The graduate will:

- perform the duties and responsibilities of the electrician trade/ occupation.
- apply theory to electrical wiring.
- demonstrate and use industry safety standards.
- develop attitudes conducive to improve customer relations skills in the electrician trade.
- develop communication and critical thinking skills necessary for job advancement.
- use appropriate library and information resources to research professional issues and support lifelong learning.
- access library, computing, and communications services, and appropriately select information and data from regional, national, and international networks.
- represent, analyze and determine rules for finding patterns relating to linear functions, non-linear functions and arithmetic sequences with tables, graphs, and symbolic rules.
- adapt to new job requirements to qualify for advancement in becoming lead supervisors.
- repair and install electrical wire devices according to licensure regulations to meet National Electrical Code and Oregon Building Codes Division for Inside Wire Electrician, Limited Energy Technician-License A and License B, Limited Maintenance Electrician, and Manufacturing Plant Electrician.
- complete 4000-8000 hours State of Oregon-approved on-thejob-training.

Licensing and Certification Program Certification: An apprenticeship "Award of Completion" issued by the Oregon Bureau of

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Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industrywide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, The Oregon community college Electrician Apprenticeship Technologies pathway provides statewide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science degree in Operations Management. The Electrician Apprenticeship Technologies pathway includes an advising guide with a set of recommended courses that satisfy both the AAS degree and the Oregon Transfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution. Licensing or Other Certification: Electrician trades require successful completion of trade-specific licensure examinations through the Oregon Building Codes Division.

Admission Information Students must be registered apprentices with the State of Oregon Bureau of Labor and Industries and accepted by a Joint Apprenticeship Training Committee. Selection to the program is by a point system from a pool of qualified applicants. Information on the point system is available at the Oregon Bureau of Labor and Industries website: boli.state.or.us. In most cases, minimum qualifications to begin an apprenticeship include a minimum age of 18 years, a high school diploma with a GPA of 2.0 or higher or GED, and a minimum of a "C" grade for one year of high school algebra (or equivalent).

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Lane County openings - 20 annually Statewide openings - 273 annually

Wages

Lane County average hourly - \$31.22; average annual - \$64,955 Oregon average hourly - \$32.96; average annual - \$68,568

Apprentice Wages - Although wages vary, the average starting wage of an apprentice is about 50 percent of a journey worker's rate of pay. Apprentices usually earn a five-percent raise every six months if training and school performance is satisfactory. Check the Bureau of Labor and Industries website: boli. state.or.us

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition. Electrician Apprenticeship Technologies course fees and other course fees may change during the year - see the online credit class schedule for fees assigned to courses. Costs of books and tools for the related training classes in the electrician programs vary with each individual trade/ occupation.

Books	\$1,750
Resident Tuition and General Student Fees	\$8,400

Total Estimated Cost \$10,150

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- complete 4000-8000 hours State of Oregon-approved on-thejob training and provide a State of Oregon Apprenticeship Training Journey-level card or BOLI-ATD Certificate of Completion.
- demonstrate an equivalency of 90 credit hours, with a minimum of 24 credits at Lane, including the last term at Lane.
- complete all requirements for an AAS degree as listed below.

- earn a cumulative grade point average above 2.0 at Lane or transfer credits earned at other regionally accredited colleges or universities.
- Prerequisites are required for some courses. See course descriptions.
- All courses must be completed with a letter grade of 'C' or better.
- Minimum placement scores reading 68, Writing 64, and Math parts A, B, C with 7/10 score. Note: See the counselor or advisor to obtain the suggested entry-level skills for successful completion of these programs.

General Education	
WR 115W Introduction to College Writing: Workplace	
Emphasis or higher	3
MTH 060 Beginning Algebra or higher	4
PE/Health Requirement	3
Arts and Letters requirement	3
Human Relations requirement	3
Science/Math/Computer Science requirement	3
Choice of:	
Arts and Letters requirement	
Human Relations/Social Science requirement	
Science/Math/Computer Science requirement	3
Journeyman card from Oregon Bureau of Labor and Industri Apprenticeship and Training Division (22 credits)	es
State of Oregon Apprenticeship Training Journey-level	
card or BOLI-ATD Certificate of Completion	22
Limited Maintenance Electrician (20-21 credits)	
APR 189 Shop Practices	2
APR 190 ElectricalTheory 1	4
APR 191 ElectricalTheory 2	4

APR 191 Electrical Theory 2..... APR 220 Electrical Apprenticeship Code and Exam Preparation..... 2-3 APR 285 Motors..... APR 286 Motors 2..... 4 Limited Energy Technician License B (26-27 credits) APR 101A Trade Skills Fundamentals 4

APR 140 Electrical Systems Installation Methods..... APR 141 Limited Voltage Electrical Circuits APR 142 Devices, Testing Equipment and Code..... APR 143 Limited Voltage Cabling APR 144 Communications..... APR 220 Electrical Apprenticeship Code and Exam 2-3

Preparation	2-3
Limited Energy Technician License A (38-39 credits)	
APR 101ATrade Skills Fundamentals	4
APR 140 Electrical Systems Installation Methods	4
APR 141 Limited Voltage Electrical Circuits	4
APR 142 Devices, Testing Equipment and Code	4
APR 143 Limited Voltage Cabling	4
APR 144 Communications	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	2-3
ADD GAGA III III II G	

APR 240 Audio and Intrusion Systmes	4
APR 241 Fire Alarm Systems and Nurse Call	4
APR 242 Limited Voltage System Integration	4
Manufacturing Plant Electrician (38-41 credits)	
APR 185 Shielded Metal Arc Welding 1	2
APR 189 Shop Practices	2
APR 190 ElectricalTheory 1	4

APR 191 Electrical Theory 2..... APR 220 Electrical Apprenticeship Code and Exam 6-9 Preparation..... APR 285 Motors..... 4 APR 286 Motors 2..... 4 APR 290 Programmable Controllers 1..... 4 4

APR 291 Programmable Controllers 2 APR 292 Programmable Controllers 3 Inside Wire Electrician (45-48 credits)

APR 130 Electrical Principles

APR 131 Electrical Principles/Residential Wiring	5
APR 132 Electrical Residential Wiring Lab	3
APR 133 Electrical Generators, Transformers, and	
Motors 1	5
APR 134 Electrical Generators, Transformers and	
Motors 2	5
APR 135 Electrical, Generators, Transformers, and	
Motors Lab	3
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	6-9
APR 225 Electrical Motor Controls	5
APR 226 Electrical Grounding/Bonding and Blueprint	
Reading	5
APR 227 Electrical System Troubleshooting	3
Program Electives to complete 90 credits for degree:	
APR 101 Trade Skills Fundamentals	4
APR 105 Electrical Wiring for the Trades	4
CS 120 Concepts of Computing: Information	
Processing	4
CST 110 Blueprint Reading 1	3
CST 111 Construction Orientation and Environment	2
CST 118 Building Construction	5
HE 152 Drugs, Society and Behavior	3
HE 252 First Aid	3
MTH 085 Applied Geometry for Technicians	4
MTH 111 College Algebra	5
MTH 112 Trigonometry	5
RTEC 105 Introduction to Advanced Technology	3
WLD 121 Shielded Metal Arc Welding 1	4
DRF 160 Computer-Aided Drafting and Design	4

Electrician Apprenticeship Technologies

Offered by the Advanced Technology Division, 541.463.5380

One-Year Certificate of Completion

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, *crumpj@lanecc.edu*

Purpose Students may earn a Certificate of Completion in Electrician Apprenticeship Technologies by successfully completing core related training credits, and completing related instruction in communications, computation, and human relations.

Learning Outcomes The graduate will:

- apply theory to electrical wiring.
- repair and install electrical wire devices according to licensure regulations to meet National Electrical Code and Oregon Building Codes Division for Inside Electrician, Limited EnergyTechnician-License A, and/or Manufacturing Plant Electrician.

Licensing and Certification Program Certification: An apprenticeship "Award of Completion" issued by the Oregon Bureau of Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industrywide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, the Oregon community college Electrician Apprenticeship Technologies pathway provides statewide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science degree in Operations Management. The Electrician Apprenticeship Technologies pathway includes an advising guide with a set of recommended courses that satisfy both the AAS degree and the Oregon Transfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution. Licensing or Other Certification: Electrician trades require successful completion of trade-specific licensure examinations through the Oregon Building Codes Division.

Admission Information Students must be registered apprentices with the State of Oregon Bureau of Labor and Industries and accepted by a Joint Apprenticeship Training Committee. Selection to the program is by a point system from a pool of qualified applicants. Information on the point system is available at the Oregon Bureau of Labor and Industries website: boli.state.or.us. In most cases, minimum qualifications to begin an apprenticeship include a minimum age of 18 years, a high school diploma with a GPA of 2.0 or higher or GED, and a minimum of a "C" grade for one year of high school algebra (or equivalent).

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Lane County openings - 20 annually

Statewide openings - 273 annually

Wages

Lane County average hourly - \$31.22; average annual - \$64,955

Oregon average hourly - \$32.96; average annual - \$68,568

Apprentice Wages - Although wages vary, the average starting wage of an apprentice is about 50 percent of a journey worker's rate of pay. Apprentices usually earn a five-percent raise every six months if training and school performance is satisfactory. Check the Bureau of Labor and Industries website: boli.state.or.us

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition. Electrician Apprenticeship Technologies course fees and other course fees may change during the year - see the online credit class schedule for fees assigned to courses. Costs of books and tools for the related training classes in the electrician programs vary with each individual trade/occupation.

Books	\$1,750
Resident Tuition and General Student Fees	\$8,400

Total Estimated Cost \$10,150

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All courses must be completed with a letter grade of 'C' or better.
- To earn the certificate, student must:

complete State of Oregon-approved on-the-job training and provide a State of Oregon Apprenticeship Training Journeyman card or BOLI-ATD Certificate of Completion:

6000-Hour BOLI-ATD Trade: Limited Energy Technician — License A

8000-Hour BOLI-ATD Trade: Inside Wire Electrician 8000-Hour BOLI-ATD Trade: Manufacturing Plant Electrician

complete related instruction credits 9 (communication, computation, human relations) complete core-related training credits 38-48 Total Credits 47-57

 Minimum placement scores of Reading 68, Writing 64, and readiness for MTH 60. Note: See the counselor or advisor to obtain the suggested entry-level skills for successful completion of these programs.

Related Instruction (9 credits)

Communication	3
Computation	3
Human Relations	3

Limited Energy Technician License A (38-39 credits)	
APR 101A Trade Skills Fundamentals	4
APR 140 Electrical Systems Installation Methods	4
APR 141 Limited Voltage Electrical Circuits	4
APR 142 Devices, Testing Equipment and Code	4
APR 143 Limited Voltage Cabling	4
APR 144 Communications	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	2-3
APR 240 Audio and Intrusion Systmes	4
APR 241 Fire Alarm Systems and Nurse Call	4
APR 242 Limited Voltage System Integration	4
Manufacturing Plant Electrician (38-41 credits)	
APR 185 Shielded Metal Arc Welding 1	2
APR 189 Shop Practices	2
APR 190 Electrical Theory 1	4
APR 191 Electrical Theory 2	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	6-9
APR 285 Motors	4
APR 286 Motors 2	4
APR 290 Programmable Controllers 1	4
APR 291 Programmable Controllers 2	4
APR 292 Programmable Controllers 3	4
Inside Wire Electrician (45-48 credits)	
APR 130 Electrical Principles	5
APR 131 Electrical Principles/Residential Wiring	5
APR 132 Electrical Residential Wiring Lab	3
APR 133 Electrical Generators, Transformers, and	
Motors 1	5
APR 134 Electrical Generators, Transformers and	
Motors 2	5
APR 135 Electrical, Generators, Transformers, and	
Motors Lab	3
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	6-9
APR 225 Electrical Motor Controls	5
APR 226 Electrical Grounding/Bonding and Blueprint	
Reading	5
APR 227 Electrical System Troubleshooting	3

Limited Electrician Apprenticeship Technologies

Offered by the Advanced Technology Division, 541.463.5380 Less than One-Year Certificate of Completion

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, *crumpj@lanecc.edu*.

Purpose Students may earn a Certificate of Completion in Limited Electrician Apprenticeship Technologies by successfully completing core related training credits and providing a State of Oregon Apprenticeship Training Journeyman card or BOLI-ATD Certificate of Completion.

Learning Outcomes Graduates will be able to:

 repair or install electrical wire devices according to limited licensure regulations to meet National Electrical Code and Oregon Building Codes Division for Limited Energy Technician-License B, and/or Limited Maintenance Electrician.

Licensing and Certification Program Certification: An apprentice-ship "Award of Completion" issued by the Oregon Bureau of Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industry-wide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, the Oregon community college

Electrician Apprenticeship Technologies pathway provides state-wide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science degree in Operations Management. The Electrician Apprenticeship Technologies pathway includes an advising guide with a set of recommended courses that satisfy both the AAS degree and the Oregon Transfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution. Licensing or Other Certification: Electrician trades require successful completion of trade-specific licensure examinations through the Oregon Building Codes Division.

Admission Information Students must be registered apprentices with the State of Oregon Bureau of Labor and Industries and accepted by a Joint Apprenticeship Training Committee. Selection to the program is by a point system from a pool of qualified applicants. Information on the point system is available at the Oregon Bureau of Labor and Industries website: boli.state.or.us. In most cases, minimum qualifications to begin an apprenticeship include a minimum age of 18 years, a high school diploma with a GPA of 2.0 or higher or GED, and a minimum of a "C" grade for one year of high school algebra (or equivalent).

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Lane County openings - 20 annually Statewide openings - 273 annually

Nages

Lane County average hourly - \$31.22; average annual - \$64,955 Oregon average hourly - \$32.96; average annual - \$68,568

Apprentice Wages - Although wages vary, the average starting wage of an apprentice is about 50 percent of a journey worker's rate of pay. Apprentices usually earn a five-percent raise every six months if training and school performance is satisfactory. Check the Bureau of Labor and Industries website: boli.state.or.us

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition. Electrician Apprenticeship Technologies course fees and other course fees may change during the year - see the online credit class schedule for fees assigned to courses. Costs of books and tools for the related training classes in the electrician programs vary with each individual trade/occupation.

Books	\$1,750
Resident Tuition and General Student Fees	\$8,400

Total Estimated Cost \$10,150

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All courses must be completed with a letter grade of "C" or better.
- To earn the certificate, student must:
- complete 4000 hours State of Oregon-approved on-the-job training and provide a State of Oregon Apprenticeship Training Journeyman card or BOLI-ATD Certificate of Completion
- complete core related training 20-27 credits
- Minimum placement scores of Reading 68, Writing 64, and readiness for MTH 60. Note: See the counselor or advisor to obtain the suggested entry-level skills for successful completion of these programs.

Limited Maintenance Electrician (20-21 credits) APR 189 Shop Practices

APR 190 Electrical Theory 1	4
APR 191 Electrical Theory 2	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	2-3
APR 285 Motors	4
APR 286 Motors 2	4
Limited Energy Technician License B (26-27 credits)	
APR 101ATrade Skills Fundamentals	4
APR 140 Electrical Systems Installation Methods	4
APR 141 Limited Voltage Electrical Circuits	4
APR 142 Devices, Testing Equipment and Code	4
APR 143 Limited Voltage Cabling	4
APR 144 Communications	4
APR 220 Electrical Apprenticeship Code and Exam	
Preparation	3

Energy Management Technician (ONLINE)

Offered by the Institute for Sustainable Practices, 541.463.6160

Associate of Applied Science Degree

Associate of Applied Science Degree Option - Energy Management Technician: Building Controls Technician Option

Program Coordinator Roger Ebbage, Bldg. DCA, Rm. 404, ebbager@lanecc.edu541.463.6160

Purpose The Energy Management Technician option is exclusively online and prepares students for a career in Energy Management. Through this program, students will learn how residential and commercial building systems consume energy by understanding how they work and the interaction between one another. Students will be able to evaluate and measure consumption and make an informed recommendation on building system energy efficiency improvements. Employment is found with Government, Utilities, Engineering Firms, School Districts, Community Action Programs, and Residential Weatherization Practitioners!

Learning Outcomes Upon completion of this degree/certificate the graduate will:

- evaluate the energy use patterns for residential and commercial buildings and recommend energy efficiency measures and renewable energy solutions for high energy consuming buildings.
- understand the interaction between energy consuming building systems and make energy use reduction recommendations based on that understanding.
- construct energy evaluation technical reports and make presentations for potential project implementation.
- access library, computing and communications services, and obtain information and data from regional, national, and international networks.
- collect and display data as lists, tables, and plots using appropriate technology (e.g., excel and other computer software).
- develop and evaluate inferences and predictions that are based on collected data.
- interpret the concepts of a problem-solving task, and, using mathematics, translate concepts into energy related projects.
- use appropriate library and digital information resources to research professional objectives and support lifelong learning.
- read and analyze building blue prints including floor, mechanical, and electrical plans. Read elevations, sections, schedules, and construction notes.

Accreditation Energy Management, Renewable Energy Program Accreditation awarded by the Interstate Renewable Energy Council, (IREC Standard 01022:2011 for accreditation and certification of renewable energy training programs and instructors).

Licensing and Certification Association of Energy Engineers Certified Energy Manager InTraining (EMIT)

Admission Information Roger Ebbage, Bldg. DCA, Rm. 404, ebbager@lanecc.edu.Students must apply to the program by completing an Energy Program application. Applicants must have completed Math 065 or 070 prior to enrollment. Individual courses may be taken with department/instructor approval.

Advising and Counseling Roger Ebbage, Bldg. DCA, Rm. 404, ebbager@lanecc.edu

Cooperative Education (Co-op) Co-op is a required and important part of the Energy Management program. It provides relevant field experience that integrates theory and practice while providing opportunities to develop skills, explore career options, and network with professionals and employers in the field. Students must complete six Co-op credits for the AAS degree. Students may use up to eighteen Co-op credits toward their degree requirements. Contact Gerry Meenaghan at:

MeenaghanG@lanecc.eduPhone: 541.463.5883 Office: Building 19, Room 154

Job Openings Projected through 2020

Employment opportunities in the Energy Management Industry are excellent. Students must consider the entire Western United States when seeking employment as those willing to relocate will have greater employment opportunities.

Wages

Energy Management: \$40,000-\$50,000 annually.

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.) * Subject to change without notice.

Program Specific Fees	\$1,000
Resident Tuition and General Student Fees	\$10,227

Total Estimated Cost \$11,227

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Deviation from the prescribed course sequence will impact a student's ability to complete the program in a two year time frame.
- Completion of Math 65 or Math 70 or Program Coordinator permission must be obtained prior to enrolling in the program.
- It is recommended but not required, that General Education requirements are taken prior to entering the program.
- All NRG courses are offered fully online.
- MTH 95 can be taken any term but must be completed by the end of the first year.
- Deviation from the prescribed course sequence will impact a student's ability to complete the program in a two year time frame
- Directed Electives may be taken online or locally at Lane Community College or transferred in from another institution.
- Lane Community College does not offer CST 110, Ph 101/102, online. These courses must be taken locally at Lane Community College or transferred in from another institution.
- Health/PE requirement, Directed Electives, WR 121, and WR 227 may be taken any term.
- Prerequisites are required for some courses. See course descriptions.

First Year	Fall
BT 123 MS EXCEL for Business	4
NRG 101 Introduction to Energy Management	3
MTH 095 Intermediate Algebra	5
PH 101 Fundamentals of Physics	4
CST 110 Blueprint Reading 1	3
	Winter
Choice of:	

WR 121 Academic Composition WR 121_H Academic Composition......

NRG 111 Residential/Light Commercial Energy Analysis	3
NRG 103 Sustainability in The Built Environment NRG 154 Alternative Energy Technologies	3
TWIG 13-Alternative Energy realmologies	Spring
NRG 124 Energy Efficiency Methods	4
NRG 131 Lighting Fundamentals	3
WR 227 Technical Writing	4
NRG 121 Air Conditioning System Analysis	3
NRG 206 A/B Coop Seminar	2
Second Year	Fall
NRG 122 Commercial Air Conditioning System	
Analysis	3
Human Relations Requirement	3
WATR 202 Fostering Sustainable Practices	3
Directed Elective	3
	Winter
NRG 112 Commercial Energy Use Analysis	4
NRG 123 Energy Control Strategies	4
PE/Health Requirement	3
Directed Elective	3
	Spring
NRG 142 Energy Accounting NRG 110 Energy Efficiency Industry Software	3
Applications	4
NRG 280 Co-op Ed: Energy Management	6

Energy Management Technician: Building Controls Technician Option

Offered by the Institute for Sustainable Practices, 541.463.6160

Associate of Applied Science Degree Option

Program Coordinator Roger Ebbage, Bldg. DCA, Rm. 404, ebbager@lanecc.edu541.463.6160

Purpose Through this program, students will learn how residential and commercial building systems consume energy by understanding how systems work and the interaction between one another. Students will be able to evaluate and measure consumption and make an informed recommendation on building system energy efficiency improvements. Students will also learn the basics of Building Controls systems and how they are fundamental to achieving higher levels of energy efficiency through building operation. Employment is found with Controls System Suppliers, Controls Installation Contractors, Government, Utilities, Engineering Firms, School Districts.

Learning Outcomes The student who successfully completes all Energy Management Technician: Building Controls Technician Option requirements will:

- access library, computing and communications services, and obtain information and data from regional, national, and international networks.
- collect and display data as lists, tables, and plots using appropriate technology (e.g., excel and other computer software).
- construct energy evaluation technical reports and make presentations for potential project implementation.
- develop and evaluate inferences and predictions that are based on collected data.
- evaluate the energy use patterns for residential and commercial buildings and recommend energy efficiency measures and renewable energy solutions for high energy consuming buildings.
- interpret the concepts of a problem-solving task, and, using mathematics, translate concepts into energy related projects.
- read and analyze building blue prints including floor, mechanical, and electrical plans.

- understand the interaction between energy consuming building systems and make energy use reduction recommendations based on that understanding.
- use appropriate library and information resources to research professional issues and support lifelong learning.
- analyze a variety of commercial HVAC and lighting systems from a controls perspective.
- become familiar with modules and electronics commonly used to implement building automation schemes.
- write building control systems schemes.
- understand control system management software.
- · diagnose and troubleshoot existing building control systems.

Licensing and Certification Association of Energy Engineers Certified Energy Manager InTraining (EMIT)

Admission Information Roger Ebbage, Bldg. DCA, Rm. 404, ebbager@lanecc.edu.Students must apply to the program by completing an Energy Program application. Applicants must have completed Math 065 or 070 prior to enrollment. Individual courses may be taken with department/instructor approval.

Advising and Counseling Roger Ebbage, Bldg. DCA, Rm. 404, ebbager@lanecc.edu

Cooperative Education (Co-op) Co-op is a required and important part of the Energy Management program. It provides relevant field experience that integrates theory and practice while providing opportunities to develop skills, explore career options, and network with professionals and employers in the field. Students must complete six Co-op credits for the AAS degree. Students may use up to eighteen Co-op credits toward their degree requirements. Contact Gerry Meenaghan at: MeenaghanG@lanecc.edu; Phone: 541.463.5883; Office: Building 19, Room 154

Job Openings Projected through 2020

Employment opportunities in the Energy Management - Building Controls Industry are excellent. Students must consider the entire Western United States when seeking employment, as those willing to relocate will have greater employment opportunities.

Wages

Building Controls Technician: \$40,000-65,000

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.) * Subject to change without notice.

Program Specific Fees	\$1,000
Resident Tuition and General Student Fees	\$10,227

Total Estimated Cost \$11,227

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*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Completion of Math 65 or Math 70 or Program Coordinator permission must be obtained prior to enrolling in the program.
- It is recommended but not required, that General Education requirements are taken prior to entering the program.
- Deviation from the prescribed course sequence will impact a student's ability to complete the program in a two year time frame.
- Human Relations, Health/PE requirements, WR 121, and WR 227 may be taken any term.
- MTH 95 can be taken any term but must be completed by the end of the first year
- Prerequisites are required for some courses. See course descriptions.

rirst year	raii
BT 123 MS EXCEL for Business	4
NRG 101 Introduction to Energy Management	3
PH 101 Fundamentals of Physics	4

MTH 095 Intermediate AlgebraCST 110 Blueprint Reading	5 3
	Winter
NRG 111 Residential/Light Commercial Energy	
Analysis	3
CS 133JS Beg. Programming: JavaScript	4
CS 179 Introduction to Computer Networks	4
PH 102 Fundamentals of Physics	4
	Spring
NRG 121 Air Conditioning System Analysis	3
NRG 124 Energy Efficiency Methods	4
NRG 131 Lighting Fundamentals	3
NRG 103 Sustainability in The Built Environment	3
NRG 206 A/B Coop Seminar	2
	ummer
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition	4
NRG280 Cooperative Education: Energy Management to b	
Summer term	6
Second Year	Fall
NRG 185 Lighting Controls	4
NRG 122 Commercial Air Conditioning System Analysis	3
NRG 123 Energy Control Strategies	4
WR 227 Technical Writing	4
	Winter
NRG 112 Commercial Energy Use Analysis	4
NRG 182 Commercial HVAC Controls	4
NRG 181 Direct Digital Controls 1	4
PE/Health requirement	3
Human Relations Requirement	3
	Spring
NRG 184 Direct Digital Controls 2	4
NRG 183 Controls Retuning and Troubleshooting	4
NRG 142 Energy Accounting	3

Exercise and Movement Science

The Associate of Applied Science Degree and the Two-Year Certification of Completion have been discontinued. Students currently enrolled in the program should contact Counseling and Advising at 541.463.3200 for information about completing core courses.

Fitness Specialist Level 1

Offered by the Health, Physical Education and Athletics Division, 541.463.5545

One-Year Certificate of Completion

Program Coordinator Call Jenni Miner, 541.463.5246.

Purpose The Fitness Specialist Level 1 Certificate is to prepare students for various careers in the fitness industry, including personal training, group exercise instruction, coaching, athletic training, wellness coaching, and recreation management.

Learning Outcomes The graduate will:

- administer various basic fitness assessments including the measurement of cardiovascular endurance, body composition, flexibility, muscular strength and endurance in gym or health club settings.
- apply and interpret basic algebraic formulas to fitness assessment data and exercise programming.
- demonstrate interpersonal skills in the areas of leadership, motivation, and communication.
- design and demonstrate safe and effective exercise programs for apparently healthy individuals and groups within current fitness industry standards and best practices.
- respond to the needs of a diverse clientele and demonstrate

inclusive practices.

- understand and apply basic behavior modification strategies to enhance exercise and health behavior change with clients.
- understand and apply basic exercise principles related to applied kinesiology, physiology, injury prevention, conditioning, resistance training, and functional training.
- understand and apply nationally recognized standards for fitness and overall health and describe the benefits and precautions associated with exercise.
- understand their scope of practice and role within the health and fitness field and the allied health care system and practice appropriate and ethical professional conduct.

Costs Estimates based on 2014-2015 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.

Books	\$390 \$5,688
Total Estimated Cost	\$6,078

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

39-9031.00

Standard Occupational Classification: 39-9031.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Fitness Trainers and Aerobics Instructors *Onetonline.org/link/summary/39-9031.00* Or check on these O*Net Related Occupations: Recreation Workers *onetonline.org/link/summary/39-9032.00*

In academic year 2014-15, 12 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 8% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$3,180.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

	Fall
EXMS 194F Professional Activity: Fitness Assessment and Exercise Prescription-Field Techniques	3
Strength Training and Conditioning Instruction	2
Human Relations Requirement (see catalog)	3
HE 252 First Aid	3
EXMS 195 Interdisciplinary Practicum	1
Choice of: BI112 Cell Biology for Health Occupations	
BI100-level (Must have human biology focus)	4
Choice of:	
PE 183S Strength Training	
PE183U Strength Training for Women	1
	Winter
EXMS 196 Applied Anatomy and Kinesiology	4
EXMS 194T Techniques of Group Exercise Leadership MTH 052 Math for Health and Physical Sciences	2
or higher	4
HE 255 Global Health and Sustainability	4

EXMS 195 Interdisciplinary Practicum	1
Choice of:	
PE183A Conditioning	
PE183F Fitness Education	1
	Spring
Choice of:	
WR121 Intro to Academic Composition	
WR121_H Academic Composition	4
EXMS 135 Applied Exercise Physiology 1	3
EXMS 295 Injury Prevention and Management	3
EXMS 240 Mental Dynamics of Exercise and Sport	3
EXMS 195 Interdisciplinary Practicum	2

Group Exercise Instructor Certificate

Offered by the Health, Physical Education and Athletics Division, 541.463.5545

Career Pathway Certificate

Program Coordinator Call Jenni Miner, 541.463.5246.

Purpose Prepare students to become instructors in group fitness activities, such as aerobics, step, cycling, circuit, yoga, muscle conditioning, interval and other group exercise modalities. The curriculum and Interdisciplinary Practicum experiences serve as an entry point into the career of instructing group exercise. National certification and further training in specific styles of group exercise is often required.

Learning Outcomes Upon completion of this certificate, students will:

- demonstrate excellent interpersonal skills in the areas of leadership, exercise motivation, and communication (written, verbal, and non-verbal).
- design, evaluate, and instruct safe and effective group exercise classes utilizing a variety of exercise modalities.
- understand the role of proper nutrition and training techniques as they relate to physical fitness and weight management.
- apply nationally recognized standards for group exercise instruction.
- appropriately modify and adapt group classes to meet the needs of a variety of participants.
- communicate to participants the benefits, risks, and precautions involved with participation in group exercise.
- identify and communicate the unique benefits of group exercise in the health and fitness industry.
- identify and implement risk management strategies and safety precautions to ensure a safe and productive exercise experience for all participants.

Costs Estimates based on 2014-2015 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.

Resident Tuition and General Student Fees	\$250 \$1,545
Total Estimated Cost	\$1,795

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Fall
1
2
3
Winter
1
2
4

Fabrication/Welding Technology

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

One-Year Certificate of Completion - Fabrication Welding

One-Year Certificate of Completion - Welding Processes

Career Pathway Certificate - Shielded Metal Arc Welder

Career Pathway Certificate - Wire Drive Welder

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare the graduate for employment in entry-level and higher positions in metal fabrication industries. Graduates will begin work in light or heavy metal fabrication as welders and/or fabricators. Training and experience can lead to careers in technical sales, supervision, estimating, quality control, inspection, specialty welding, and teaching, as well as self-employment. The Fabrication/Welding Certificate Program (the first year of the two-year degree) prepares graduates for employment as Welders/Fabricators. The Welding Processes Certificate Program prepares graduates for employment as Welder-Trainees or Welders.

Learning Outcomes The graduate of the AAS degree will:

- apply knowledge of forming, fitting, and welding processes.
- demonstrate entry-level fabrication techniques and welding processes and application including GTAW, structural and pipefitting, metallurgy, and quality control procedures.
- use appropriate library and information resources to research professional issues and support lifelong learning.
- use blueprint-reading skills, cost estimating, applied science of materials, and mathematics necessary to the profession.
- demonstrate and use industry safety standards.
- use mathematical formulas to calculate area, volume, and weight of metal objects.

Admission Information Normal program entry is fall term. A mandatory program orientation is held for new students for fall term (dates available from Advance Technology Counselor/Advisor). Contact Advisor/Counselor for assistance for winter and spring term entry, email AdvTechPrograms@lanecc.edu

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. In certain circumstances, Co-op experience may be substituted for major course work. Contact Chuck Fike, Fabrication/ Welding Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 47 annually Statewide openings - 547 annually

Wages

Lane County average hourly - \$18.55 to \$24.84; average annual - \$38,587 to \$51,680

Oregon average hourly - \$18.53 to \$27.15; average annual - \$38,535 to \$56.481

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,725
Instruments/Tools	\$765
Program Specific Fees	\$3,256

Resident Tuition and General Student Fees \$11,350

Total Estimated Cost \$17,096

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All WLD and MTH courses must be completed with a letter grade of "C-" or better. MFG course must be completed for a letter grade.
- WR115W and PE/Health requirement must be completed with a "C-" or better or Pass grade.
- Choices for requirements in Arts and Letters, Social Science, and Science are listed on the Associate of Applied Science degree page.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

First Year	Fall
WLD 112 Fabrication/Welding 1	12
MTH 085 Applied Geometry for Technicians	4
	Winter
WLD 113 Fabrication/Welding 2	12
CG 203 Human Relations at Work	3
	Spring
WLD 114 Fabrication/Welding 3	12
Emphasis	3
Second Year	Fall
MFG 101 Safety and Basic Shop Practice	3
WLD 215 Fabrication/Welding 4	12
Arts/Letters Requirement	_
Social Science Requirement	3
	Winter
WLD 216 Fabrication/Welding 5	12
PE/Health Requirement	3
Science or Computer Science Course	3
	Spring
WLD 217 Fabrication/Welding 6	12
Welding Elective	3
Arts and Letters Requirement	3

Fabrication Welding

Offered by the Advanced Technology Division, 541.463.5380

One-Year Certificate of Completion

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose The Fabrication/Welding Certificate Program prepares graduates for employment as Welders/Fabricators.

Learning Outcomes The graduate of the Fabrication/Welding Technology One-Year Certificate of Completion will:

- read and build metal products from simple blueprints.
- use blueprints and other reference materials to calculate cost of materials necessary to the building of metal products.
- · apply mathematics necessary to fabricate metal products.
- perform at entry-level typical industrial welding processes.
- demonstrate at entry-level use of certain machine tools commonly found in industry.
- demonstrate and use industry safety standards.
- use appropriate library and information resources to research professional issues and support lifelong learning.

Admission Information See *lanecc.edu/advtech/wld* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. In certain circumstances, Co-op experience may be substituted for major course work. Contact Chuck Fike, Fabrication/ Welding Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 23 positions Statewide: 257 positions

Wages

Lane County average hourly - \$19.26; average annual - \$40,070 Oregon average hourly - \$20.57; average annual - \$42,791

Costs (Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$858
Instruments/Tools	\$300
Program Specific Fees	\$1,642
Resident Tuition and General Student Fees	\$5,260
Total Estimated Cost	\$8,060

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

51-4121.06

Go to the Department of Labor's O*Net website for a profile of this occupation: Structural Metal Fabricators and Fitters *one-tonline.org/link/summary/51-4121.06* Or check on these O*Net Related Occupations: Welders, Cutters, and Welder Fitters *one-tonline.org/link/summary/51-2041.00*

In academic year 2014-15, 6 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All WLD and MTH courses must be completed with a letter grade of "C-" or better. WR 115W must be completed with a "C-" or better or Pass grade.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

	Fall
WLD 112 Fabrication/Welding 1	12
MTH 085 Applied Geometry for Technicians	4
	Winter
WLD 113 Fabrication/Welding 2	12

WR 115W Introduction to College Writing: Workplace	
Emphasis	. 3
	Spring
WLD 114 Fabrication/Welding 3	. 12
CG 203 Human Relations at Work	. 3

Shielded Metal Arc Welder

Offered by the Advanced Technology Division, 541.463.5380 Career Pathway Certificate

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

PurposeTo prepare the graduate for employment for entry-level positions in the metal fabrication industry.

Learning Outcomes The graduate will:

- demonstrate proficiency at a industry entry-level with Shielded Metal Arc Welding.
- weld and cut metal as is typical of circumstances found in industrial environments.
- · demonstrate and use industry safety standards.

Admission Information See *lanecc.edu/advtech/wld* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. In certain circumstances, Co-op experience may be substituted for major course work. Contact Chuck Fike, Fabrication/ Welding Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 1 positions Statewide: 11 positions

Wages

Lane County average hourly - \$18.53; average annual - \$38,535 Oregon average hourly - \$18.55; average annual - \$38,587

Costs (Estimate based on 2016-17 data for full-time students. Consult Lane's website for updated tuition and fees.

Books	\$343
Program Specific Fees	\$630
Resident Tuition and General Student Fees	\$1,928

Total Estimated Cost \$2,901

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.
- Students may be able to substitute an alternative welding course. Please see an academic advisor to arrange preapproved substitutions.

	Fall
WLD121 Shielded Metal Arc Welding 1	4
MTH 085 Applied Geometry for Technicians	4
	Winter
WLD122 Shielded Metal Arc Welding 2	4

	Spring
NLD141 Welder Qualification (Certification): SMAW	3

Welding Processes

Offered by the Advanced Technology Division, 541.463.5380

One-Year Certificate of Completion

Program Coordinator Tracy Rea, Bldg. 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose To prepare the graduate for employment for entry-level and higher positions in metal fabrication industries. The graduate begins work in light or heavy metal fabrication as welders. Training and experience can lead to careers in technical sales, supervision, estimating, quality control, inspection, specialty welding, and teaching. The welding processes certificate program prepares graduates for employment as welder-trainees or welders.

Learning Outcomes The graduate of the Welding Processes One-Year Certificate of Completion will:

- read simple blueprints, interpret and apply industrial welding symbols.
- demonstrate proficiency at an industry entry-level with Shielded Metal Arc Welding, various wire drive processes and GasTungsten Arc Welding.
- weld and cut metal as is typical of circumstances found in industrial environments.
- · demonstrate and use industry safety standards.

Admission Information See *lanecc.edu/advtech/wld* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. In certain circumstances, Co-op experience may be substituted for major course work. Contact Chuck Fike, Fabrication/ Welding Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Room 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 23 positions Statewide: 257 positions

Wages

Lane County average hourly - \$19.26; average annual - \$40,070 Oregon average hourly - \$20.57; average annual - \$42,791

Costs (Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$748 \$385 \$1,630 \$5,785
Total Estimated Cost	\$8,548

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

51-4121.06

Standard Occupational Classification: 51-4121.06 Go to the Department of Labor's O*Net website for a profile of this occupation: Structural Metal Fabricators and Fitters *Onetonline.org/*

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

link/summary/51-2041.00 Or check on these O*Net Related Occupations: Welders, Cutters, and Welder Fitters onetonline.org/link/summary/51-4121.06

In academic year 2014-15, 0 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

(For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.)

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All WLD and MTH courses must be completed with a letter grade of "C-" or better. WR 115W must be completed with a "C-" or better or Pass grade.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.

	Fall
MTH 085 Applied Geometry for Technicians	4
WLD 121 Shielded Metal Arc Welding 1	4
WLD 143 Wire Drive Welding 1	4
WLD 111 Blueprint Reading for Welders	3
WLD 160 Wire Drive Welding 4	4
WLD 256 Gas Tungsten Arc Welding 2	3
	Winter
Directed Elective	1-4
CG 203 Human Relations at Work	3
WLD 122 Shielded Metal Arc Welding 2	4
WLD 154 Wire Drive Welding 2	4
WLD 257 Gas Tungsten Arc Welding 3	3
	Spring
WLD 159 Wire Drive Welding 3	4
WLD 242 Gas Tungsten Arc Welding 1	3
WR 115W Introduction to College Writing: Workplace Emphasis	3

Wire Drive Welder

Offered by the Advanced Technology Division, 541.463.5380 Career Pathway Certificate

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

PurposeTo prepare the graduate for employment for entry-level positions in the metal fabrication industry.

Learning Outcomes The graduate will:

- demonstrate proficiency at a industry entry-level with various wire drive processes.
- weld and cut metal as is typical of circumstances found in industrial environments.
- demonstrate and use industry safety standards.

Admission Information See *lanecc.edu/advtech/wld* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites

vary. In certain circumstances, Co-op experience may be substituted for major course work. Contact Chuck Fike, Fabrication/ Welding Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078. fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 1 positions Statewide: 11 positions

Wages

Lane County average hourly - \$18.53; average annual - \$38,535 Oregon average hourly - \$18.55; average annual - \$38,587

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$371 \$702 \$1,928
Total Estimated Cost	\$3,001

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Minimum placement score of 68 in Reading, OR completion of RD 080, OR RD 087 AND EL 115, OR prior college. A high school diploma or equivalent is recommended for all applicants to this program.
- Students may be able to substitute an alternative welding course. Please see an academic advisor to arrange preapproved substitutions.

	Fall
WLD143 Wire Drive Welding 1	4
MTH 085 Applied Geometry for Technicians	4
	Winter
WLD154 Wire Drive Welding 2	4
	Spring
WLD140 Welder Qualification (Certification): Wire Drive	3
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Flight Technology

Offered by the Lane Aviation Academy, 541-463-4195

Associate of Applied Science Degree

Program Coordinator Stephen Boulton - Director

Purpose To prepare students for successful careers as pilots in the air transportation industry.

Learning Outcomes The student who successfully completes all Flight Technology requirements will:

- be certificated by the FAA as commercial pilot with an option for being FAA certified as a Flight Instructor.
- have FAA pilot certification and be legally qualified for an entrylevel position in the commercial aviation industry.
- have knowledge and skills to serve in responsible positions in a corporate aviation department.
- be skilled in the use of multiple industry libraries and data base systems and be skilled as a researcher in the aviation industry.
- be skilled in the use of various systems of measure and conversion; be skilled in the use of performance tables and graphs; plot data manually and electronically to determine performance and trends.
- skillfully access a multitude of library accessible resources for applications information and topical research projects; be skilled in the use of local and national libraries and databases.
- accurately use systems of measure, skillfully perform unit conversions, and be skilled in computational analysis defining airplane operational performance; accurately use performance

tables, charts and graphs; use interpolation to derive implied values; and be skilled in the use of aviation specific manual and electronic calculators to determine time, rate and trends.

Accreditation Flight Technology Private Pilot Instrument and Commercial FlightTraining is FAA Part 141 approved.

Admission Information Contact Lane Aviation Academy: *lanecc.* edu/aviationacademy Phone: 541. 463.4195 Email: flight@lanecc. edu

Advising & Counseling Flight Technology Program Advisors are: *Trish Lytton: Phone: (541) 463-5292, Email: lyttonp@lanecc.edu * Carolyn Litty: Office: Bldg. 12, Rm. 202, Phone: (541) 463-5236, Email: littyc@lanecc.edu * Claudia Riumallo: Office: Bldg. 12, Rm. 203, Phone: (541) 463-5378, Email: riumalloc@lanecc.edu Advisor Drop-in hours are updated weekly at: lanecc.edu/advtech/counselor-and-advisor-drop-hours

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Contact Chuck Fike, Flight Technology Co-op Coordinator, Bldg. 19, Rm. 266 or Bldg. 12, Room 209, 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2022

Lane County openings: 18 annually

Statewide openings: 80 annually

National openings: 10,620+ annually for commercial pilots, aircraft pilots and flight engineers, and airline pilots and copilots

Wages

Flight instructors earn from \$15,000-45,000.

Entry-level airline pilots earn \$28,000 through their probationary

Air carrier line pilots earn \$45,000-250,000 annually.

Costs Estimate based on 2016-17 costs and are subject to change. See the online credit class schedule for the most current information.

Standard Size Student (under 220 lbs., under 6'2", under 39" sitting height)

Books	\$1,800
Certification, Licensure, Exams, Physicals	\$1,000
Instruments/Tools	\$300
Program Specific Fees	\$49,239
Resident Tuition and General Student Fees	\$12,397

Total Estimated Cost \$64,736

Non-Standard Size Student

Books	\$1,800
Certification, Licensure, Exams, Physicals	\$1,000
Instruments/Tools	\$300
Program Specific Fees	\$50,726
Resident Tuition and General Student Fees	\$12,397

Total Estimated Cost \$66,223

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All GS and FT courses (except FT 102) must be completed with a letter grade, not P/NP, and must be passed with a grade of 'C-' or better to satisfy program requirements.
- CS 120, FT 102, MTH 095 and WR 121 must be completed with a grade of 'C-' or better.
- Choices for Arts and Letters and Human Relations requirements

- are listed on the Associate of Applied Science degree page. Students may complete the 3 credits of Arts and Letters and 3 credits of Human Relations prior to program entry.
- A VIB (Veterans Information Bulletin) with current program costs is provided in Flight Technology's initial Application Packet.
- Graduates may also transfer to a four-year university preparing for a professional degree.
- All Private, Instrument, and Commercial flight courses must be completed to fulfill the AAS degree requirements.
- Private Pilot courses are to be chosen based on student size. Students under 220 lbs, under 6'2", under 39" sitting height choose FT 141, FT 142, and FT 143. Students at or above these limits choose FT 141W, FT 142W, and FT143W.
- Students must complete the 105 required core credits to be awarded the AAS in FlightTechnology.

Prerequisites

An applicant may complete the following courses prior to program entry: * Arts and Letters requirement: 3 credits * Human Relations requirement: 3 credits

First Year	Fall 1
FT 102 General Aviation Careers	4
FT 141 Private Pilot - Stage One FT 141W Private Pilot - Stage One	6
FT 250 Private Pilot Ground School	5
Chaire of	Winter
Choice of: FT 142 Private Pilot - StageTwo	
FT 142W Private Pilot - StageTwo	3
FT 143 Private Pilot - Stage Three	2
FT 143W Private Pilot - StageThree MTH 095 Intermediate Algebra or higher mathematics	3 5
FT 124 UAS Flight Lab (additional elective)	1 - 6
	Spring
FT 115 Aircraft Structures and Systems	3
FT 221 Commercial Pilot - Stage One FT 222 Commercial Pilot - Stage Two	3
FT 251 Commercial Pilot Ground School	4
FT 261 AirTraffic Control and Airspace	1
Choice of: WR 121 Composition: Academic Composition or higher writing WR 121_H Composition: Academic	
Composition or higher writing	4
	Summer
FT 201 Instrument Rating - Stage One FT 223 Commercial Pilot - Stage Three	4
FT 123 UAS Commercial Test Prep (additional elective)	3
Second Year	Fall
GS 109 Meteorology	5
CS 120 Concepts of Computing or higher	4
FT 224 Commercial Pilot - Stage 4	4 4
FT 252 Instrument Ground School	4
FT 262 Aviation Law and Regulations	1
	Winter
FT 202 Instrument Rating - Stage Two	5
FT 254 Aerodynamics FT 256 Flight Instructor-Airplane and Instrument	3
Flight Instructor-Airplane Ground School PE/Health requirement	3
FE/Health requirement	-
BA 254 General Aviation Management	Spring 3
FT 228 Multiengine Ground School	2
FT 203 Instrument Rating - StageThree	3
FT 255 Fundamentals of Instruction and	
Human Factors	3

	Summer
FT 225 Commercial Pilot - Stage Five	5
Additional Electives	
FT 249 ATP	1 - 6
FT 249 CFIA	1 - 6
FT 249 CFII	1 - 6
FT 249 MEI	1 - 4
FT 249 Multiengine	1 - 3
FT 280 Co-op Ed: Flight Technology (optional)	3

Geographic Information Science

This program has been reinstated as a less-than-one-year certficate. Students should contact Counseling and Advising at 541.463.3200 for more information about this program.

Graphic Design

Offered by the Arts Division, 541,463,5409

Associate of Applied Science Degree

Program Coordinator Contact Arts Division, Bldg. 11, Room 101

Purpose To prepare graduates for entry-level positions in the fields of graphic and digital design.

Learning Outcomes The student who successfully completes all Graphic Design requirements will:

- design a variety of graphic materials including advertising, corporate identity, publications, packaging, signage, marketing, and the internet.
- · solve graphic communication problems through the use of computer technology used in the field.
- · demonstrate understanding of fundamental art, communication, and marketing principles in the development of design solutions.
- demonstrate understanding of professional business standards and practices.
- · demonstrate ability to design and produce materials that will meet professional standards for reproduction.
- use appropriate library and information resources to research design problems, issues, and technology as well as to support lifelong technical learning.

Admission Information Open admission for first year. Limited admission for second year. See lanecc.edu/mediaarts/ graphicdesign/second-year-graphic-design-program.

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. A minimum of six credits of Co-op in graphic design is required for completion of the graphic design program. Contact Teresa Hughes, Graphic Design Cooperative Education Coordinator, Bldg. 17, Rm. 106, 541.463.3179, hughest@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 11 annually Statewide openings - 1328 annually

Lane County average hourly - \$21.56; average annual - \$44,834 Oregon average hourly - \$24.27 average annual - \$50,481

Costs

Instruments/Tools	\$1,500
Resident Tuition and General Student Fees	\$9,006

Total Estimated Cost \$10,506

Course Requirements

- Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, WR 121_H, MTH 60, CG 203, Science, and Health/PE.
- All major courses must be taken for a letter grade, not P/NP.
- Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher: ART 131, ART 115, ART 115_H, MUL 105, ART 216, ART 119, ART 225, ART 116, MUL 212, ART 221, ART 222, ART 227, ART 228, and ART 289. All remaining major courses must be passed with a C- or higher.

First Year	Fall
ART115GD Basic Design: Fundamentals for Graphic	
Designers (4 credits) or	
ART 115 Basic Design: Fundamentals (3 crredits) and	
GD 110 Introduction to Graphic Design (1 credit)	4
ART 131 Introduction to Drawing	3
ART 216 Digital Design Tools	4
MUL 105 Digital Photography	4
	Winter
ARH200 Graphic Design History	3
ART 119 Typography 1	3
ART 231 Drawing: Intermediate	3
ART 225 Digital Illustration	3
Science, Math, Computer Science Requirement	4
	Spring
CG 203 Human Relations at Work	3
Choice of:	
WR 121 Academic Composition or	
WR 121_H Academic Composition: Honors	4
ART 116 Basic Design: Color	3
MUL 218 Business Practices for Media Arts MUL 212 Digital Imaging	3 4
	•
Second Year	Fall
Any Art Class	
Any Multimedia Class	3
Any Multimedia Class MTH 060 Beginning Algebra or higher	4
Any Multimedia Class	4 3
Any Multimedia Class	4
Any Multimedia Class	4 3 4 3
Any Multimedia Class	4 3 4 3 Winter
Any Multimedia Class	4 3 4 3 Winter 4
Any Multimedia Class	4 3 4 3 Winter 4 4
Any Multimedia Class	4 3 4 3 Winter 4
Any Multimedia Class	4 3 4 3 Winter 4 4 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3 3 Spring
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3 3 Spring 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3 3 Spring 3 4 4 4 3
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3 3 Spring 3 4 4
Any Multimedia Class	4 3 4 3 Winter 4 4 3 3 3 Spring 3 4 4 4 3

Any Art Class

Any Multimedia Class

Health Information Management

Offered by the Health Professions Division, 541.463.5617

Associate of Applied Science Degree

One-Year Certificate of Completion - Health Information Management

Career Pathway Certificate - Basic Health Care

Career Pathway Certificate - Medical Coding

Program Coordinator Shelley K. Williams, BA, RN, RHIT

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Total Estimated Cost \$15,225

Purpose This program prepares individuals to work in the field of health information management (HIM). HIM is a diverse yet evolving field that incorporates medicine, management, finance, information technology and law into one dynamic career path. Graduates will be prepared to manage paper and electronic medical records, collect, aggregate, analyze, summarize and disseminate individual and aggregate clinical data. HIM professionals also protect and control the security and quality of records as well as supervise data entry and technical maintenance personnel. The HIM program includes instruction in: clinical and biomedical science data and information requirements; database management; data coding and validation; information security; quality control; health information content and structure; medical business procedures; legal requirements, as well as HIM professional standards.

Learning Outcomes Upon completion of this degree, the student will:

- apply critical and creative thinking, problem solving, and effective inter-professional communication skills related to health information management.
- apply principles of healthcare privacy, confidentiality, legal, ethical issues and data security.
- apply quantitative and qualitative methodologies to process healthcare information.
- demonstrate knowledge of dynamic healthcare delivery systems and regulatory environments.
- demonstrate knowledge of healthcare billing, coding and reimbursement policies.
- demonstrate knowledge of healthcare terminology and medical conditions.
- evaluate, use, and integrate information technology to support medical decision making and processes.
- demonstrate the application of information technology in the HIM environment.
- demonstrate the principles of leadership and management in the HIM environment.

Admission Information Students are admitted three times per year (fall, winter, spring). Admission is restricted and is based on a program application. Please consult classes.lanecc.edu/course/view.php?id=31269§ion=1

Advising and Counseling Advising and counseling is available in Building 1, Room 103. E-mail HIMprogram@lanecc.edu

Cooperative Education (Co-op) Coop is required for HIM Program students. Students must complete 3 credits hours (minimum) experience) cooperative education during the second of their two year program. Through cooperative education students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Enrollment in Cooperative Education require admission into the HIM Program and instructor approval. Contact the HIM Coop Ed Coordinator for additional information. Shelley Williams, Bldg 30, Room 209. Telephone 541.463.5182.

Job Openings Projected through 2020

Lane County: 12 Statewide: 142

Wages

Lane County: hourly average: \$17.73, annual average \$39,661 Statewide: hourly average \$19.47, annual average \$41,070

Costs Estimated based on 2015-16 Oregon resident tuition and fees. Consult Lane's website for updated tuition and fees for prerequisite and program courses. Prerequisite costs will vary for transfer students.

Books	\$1,600
Differential Fees*	\$1,233

Certification, Licensure, Exams, Physicals	\$500
Computers/Internet Service	\$1,100
Resident Tuition and General Student Fees	\$10,792

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- All BT, CIS, CS, HO, HIM, HIT, MTH, COMM, and WR courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C" or better to satisfy program requirements.
- Completion of BI 231, 232, and 233 with a "C" or higher is an acceptable equivalent for HO 150 and HO152
- Prerequisites are required for some courses. See course descriptions.
- HO150 and HO152 or their equivalents must be completed within the last five years (of application date)
- Computer science course or its equivalent (CS 120) must be completed within the last five years (of application date)
- All Coding and Billing courses or their equivalents (HO114, HO112, HIT222, HIM 270, etc.) must be completed within the last five years (of application date)

Prerequisites

HO 100 Medical Terminology 1

HO 110 Health Office Procedures

HO 150 Human Body Systems 1

HO 152 Human Body Systems 2

MTH052 Math for Physical Science, or higher, or Credit by Exam for MTH060 or higher, or transcripted credits: AP (Calculus), or CLEP (College Algebra, or any Calculus, or Statistics), or IB (Mathematics, or Math Studies, or Further Mathematics, or Statistics) Choice of:

CS 120 Concepts of Computing: Information Processing CIS101 Computer Fundamentals

BT120 MS Word for Business

WR 121 Intro to Academic Composition, or WR 121_H

Title 12 miles to Academie Gemposition, or Title 12 i_m	
First Year	Fall
HIM 101 Introduction to Health Care and Public	
Health in the US	4
HIM 112 Medical Insurance Procedures	3
HIM 154 Introduction to Disease Processes	3
HIT 105 EHR for the Provider Office	3
HIM 120 Introduction to Health Information	_
Management	3
	Winter
HIM 220 Legal and Ethical Aspects of Healthcare	3
HIM 222 Reimbursement Methodologies	3
HIT 107 Integrated Electronic Heatlh Records	4
HIT 160 Practice Management	3
	Spring
HIM 114 Introduction to Medical Coding or	
equivalent (see Program Coordinator)	3
WR122 Argument, Research and Multimodal	
Composition or WR 122 _H Argument, Research and	
Multimodal or higher	4
Social Science: Students choice	3-4
HIT 111 Implement and Customize Electronic Health	
Records	4
HIM 183 Introduction to Health Information Systems	
Second Year	Fall
HIM 241 Health Information Management Applications 1.	4
HIM 200 Healthcare Statistics	3
CIS 125D Software Tools 1: Databases	4
HIM 270 ICD Coding	4
COOP 206 Co-op Ed: Internship Seminar	2
	Winter
HIM 271 ICD-10 Coding 2	4

HIM 230 Quality Improvement in Healthcare	3
HIM 242 Health Information Management Applications 2.	4
HIM 273 CPT Coding 1	4
	Spring
HIM 280 Co-op Ed: Health Information Management	3
HIM 280 Co-op Ed: Health Information Management HIM 153 Introduction to Pharmacology	3
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Basic Health Care

Offered by the Health Professions Division, 541.463.5617

Career Pathway Certificate

Program Coordinator Shelley K. Williams, BA, RN, RHIT, 541.463.5182, *williamssk@lanecc.edu*

Purpose This career pathway certificate teaches the basic skills needed for employment in an entry level position in a health care setting. The outcomes include practice responsible and confidential communications and apply an understanding of health care laws and ethics are required in health care practice, work in a professional manner in the health care environment, understand and apply medical terminology appropriately, describe the anatomy and physiology of the various systems of the body, demonstrate basic computer skills and, recognize the scope of work the student is legally allowed to perform with their level of training. The certificate is fully embedded in the Health Records Technology certificate and multiple other Lane programs. It is designed for positions in health care such as patient transport, medical receptionist, environmental support, food services, and physical therapy aide. There is no application requirement for this certificate.

Learning Outcomes The graduate will:

- understand the requirements to work as a professional in a health care environment.
- demonstrate basic computer skills.
- apply the principles and privacy and security based on laws and professional ethics required in health care practices.
- demonstrate ability to use medical terminology appropriately, including abbreviations, acronyms, spelling, and pronunciation.
- demonstrate knowledge on the basics of human anatomy and physiology.
- demonstrate professional written and verbal communications in a responsible and confidential manner.
- demonstrate intellectually informed, appreciative, and understanding of various cultures, histories, as marked by class, race, gender, ethnicity, religion, nationality, sexual orientation, and other manifestations of difference.

Admission Information There is no application requirement for this certificate.

Advising and Counseling For assistance with requirements, please go to Counseling and Advising in building 1, room 103 or e-mail *HIMProgram@lanecc.edu*

Course Requirements

- Prerequisites may be required for some courses. See course descriptions.
- Completion of BI 231, 232, and 233 with a 'C' or better is an acceptable equivalent for HO 150 and HO152.
- All courses must be completed with a letter grade, not P/NP, and must be passed with a grade of 'C' or better to satisfy program requirements.

	Fall
MTH 52 Math for Health and Physical Sciences	4
HO 100 Medical Terminology	3
HO 110 Health Office Procedures	3
HO 150 Human Body Systems 1	3

	Winter
Choice of:	
BT120 MS WORD for Business	
CIS101 Computer Fundamentals	
CS120 Concepts of Computing: Information	
Processing	4
Choice of:	
WR 121 or WR 121_H or higher	4
HO 152 Human body System 2	3

Health Information Management

Offered by the Health Professions Division, 541.463.5617 One-Year Certificate of Completion

Program Coordinator Shelley K. Williams, BA, RN, RHIT, 541.463.5182, williamSSK@lanecc.edu

Purpose Prepares graduates for entry level careers in medical records, health information management, medical billing, and medical transcription. Health RecordTechnicians organize and manage demographic, coded, and billing data by ensuring its quality, accuracy, accessibility, and security. They communicate with physicians and other healthcare professionals to clarify diagnoses or to obtain additional information as needed to meet billing, payment, and regulatory requirements. Health RecordTechnicians may assist with improving electronic health records (EHR) software usability

Learning Outcomes Upon completion of this certificate, the student will:

- demonstrate ability to organize, input, process, analyze, secure, and distribute healthcare information.
- demonstrate the organization, analysis, and evaluation of health record content for completeness and accuracy.
- demonstrate knowledge of abstracting health records and assigning standardized codes to diagnoses and procedures to accurately meet reporting needs and processing claims for insurance reimbursement.
- apply principles of healthcare privacy, confidentiality, legal, ethical issues and data security.
- demonstrate knowledge of healthcare terminology and medical conditions.
- demonstrate knowledge of healthcare delivery systems and regulatory environments.
- demonstrate knowledge of utilizing library and valid internet resources for research, projects, and to maintain a level of expertise in his or her field of study.
- apply critical and creative thinking, problem solving, and effective inter-professional communication skills related to health information management.

Admission Information Consult *classes.lanecc.edu/course/view.* php?id=31269§ion=1

Advising and Counseling See the Counseling and Advising Center, or e-mail *HIMProgram@lanecc.edu*

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Only students who have received their official program acceptance letter may take HIM Co-op. Contact the HIM Cooperative Coordinator, Shelley Williams, Bldg. 30, 541.463.5182.

Job Openings Projected through 2020

Lane County: 14; Statewide: 136

Wages

Lane County hourly average - \$17.73; annual average - \$39,661 Oregon hourly average - \$19.47; annual average - \$41,070

Costs (Estimates based on 2014-15 data for full-time students. Students attending part-time will incur additional term fees.

Consult Lane's website for updated tuition and fees.) The total of all the differential fees attached to Health Records Technology courses and other course fees may change during the year ' see the online credit class schedule for fees assigned to courses.

Books	\$1,775
Differential Fees*	\$549
Resident Tuition and General Student Fees	\$5,396
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Total Estimated Cost \$7,720

Gainful Employment Disclosure

29-2071.00

Standard Occupational Classification: 29-2071.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Medical Records and Health Information Technicians *Onetonline.org/link/summary/29-2071.00* Or check on these O*Net Related Occupations: Insurance Claims Clerks *onetonline.org/link/summary/43-9041.00*

In academic year 2014-15, 7 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Completion of BI 231, 232, and 233 with a 'C' or better is an acceptable equivalent for HO 150 and HO152.
- Completion with a grade of 'C' or better of 3-course series HIM 270, HIM 273, and HIM 275 may be substituted for HO 114 Introduction to Coding.
- Computer Science course (CS120 or CIS101) must be completed within last five years.
- All BT, CIS, CS, HO, HIM, HIT, MTH, COMM, and WR courses must be completed with a letter grade, not P/NP, and must be passed with a grade of 'C' or better to satisfy program requirements. Other courses may be completed with a 'Pass' or
- Coding and Billing courses (HO112, HIT222, HO114) must be completed within last five years.
- Computer Science course (CS120 or CIS101) must be completed within last five years.

Prerequisites

HO110 Health Office Procedures HO 150 Human Body Systems 1 HO 152 Human Body Systems 2 HO100 Medical Terminology 1

Choice of: -CS 120 Concepts of Computing: Information Processing -CIS101 Computer Fundamentals -BT120 MS Word for Business MTH052 Math for Physical Science, or higher, or Credit by Exam for MTH060 or higher, or transcripted credits: AP (Calculus), or CLEP (College Algebra, or any Calculus, or Statistics), or IB (Mathematics, or Math Studies, or Further Mathematics, or Statistics) WR 121 Introduction to Academic Composition, or WR 121_H

	Fall
HIM 154 Introduction to Disease Processes	3
HIM 112 Medical Insurance Procedures	3
HIT 105 EHR for the Provider Office	3
HIM 120 Introduction to Health Information Management	3
HIM 101 Introduction to Health Care and Public	
Health in the US	4

	Winter
COOP 206 Co-op Ed: Internship Seminar	2
HIT 107 Integrated Electronic Heatlh Records	4
HIM 222 Reimbursement Methodologies	3
HIM 114 Introduction to Medical Coding	3
HIM 220 Legal and Ethical Aspects of Healthcare	3
HIT 160 Practice Management	3
	Spring
Human Relations (3-4 credits):	
Human Relations (3-4 credits): Students ChoiceHIM280 Co-op Ed: Health Information Management	3-4
Students Choice	3-4 3
Students Choice	
Students Choice	

Medical Coding

Offered by the Health Professions Division, 541.463.5617

Career Pathway Certificate

Program Coordinator Shelley K. Williams, RN, RHIT, 541.463.5182, williamSSK@lanecc.edu

Purpose A coding specialist is an individual who reviews and analyzes health records to identify relevant diagnoses and procedures for distinct patient encounters. The coding specialist is responsible for translating diagnostic and procedural phrases utilized by health care providers into coded form. The translation process requires interaction with the health care provider to ensure that the terms have been translated accurately. The coded information that is a product of the coding process is then utilized for reimbursement purposes, in the assessment of clinical care, to support medical research activity, and to support the identification of health care concerns critical to the public at large. A coding specialist must have a thorough understanding of the content of the medical record in order to be able to locate information to support or provide specificity for coding. The coding specialist must also be highly trained in anatomy and physiology of the human body and disease processes in order to understand the etiology, pathology, symptoms, signs, diagnostic studies, treatment modalities, and prognosis of diseases and procedures to be coded.

Learning Outcomes The student who successfully completes all Medical Coding requirements will:

- demonstrate knowledge of anatomy and physiology of the human body and disease processes.
- demonstrate understanding of the etiology, pathology, symptoms, signs, diagnostic studies, treatment modalities, and prognosis of diseases and procedures to be coded.
- demonstrate knowledge of abstracting health records and assigning standardized codes to diagnoses and procedures to accurately meet reporting needs and processing claims for insurance reimbursement.
- apply principles of healthcare privacy, confidentiality, legal, ethical issues, and data security.
- demonstrate the organization, analysis, and evaluation of health record content for completeness and accuracy.
- appreciate diversity, differing beliefs, value systems, and individual opinions.
- demonstrate knowledge and adherence to HIPAA regulations.
- effectively engage in written and oral communication between patients and other health professionals.

Admission Information Application and admission into the Health Records Technology Program is required. Admission and Application information is found on the web at: classes.lanecc.edu/course/view.php?id=31269§ion=1

Advising and Counseling For assistance in meeting program or application requirements, please go to Counseling and Advising in building 1, room 103 or e-mail HIMProgram@lanecc.edu

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Cooperative Education (Co-op) Co-op is required for students admitted to the HRT Program. Students must successfully complete 3 credit hours (minimum) of on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Students are required to complete a minimum of two terms of their program course work prior to registering for HRT Co-op. Contact the HRT Cooperative Coordinator, Chuck Fike, Bldg. 19, 541.463.5203.

Job Openings Projected through 2020

Lane County: 12 Oregon: 142

Wages

Lane County hourly average - \$17.73; annual average - \$39,661 Oregon hourly average - \$19.47; annual average - \$41,070

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All BT, CIS, HO, HIM, HIT, MTH, COMM, and WR courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C" or better to satisfy program requirements. Other courses may be completed with a 'Pass' or g
- Completion of BI 231, 232, and 233 with a 'C' or better is an acceptable equivalent for HO 150 and HO152.
- All billing courses (HIM112, HIM222) must be completed within five years of program completion.

Prerequisites

Choice of: -CS 120 Concepts of Computing: Information -Processing -CIS101 Computer Fundamentals -BT120 MS Word for Business WR115 Intro to College Writing

HO110 Health Office Procedures

HO100 Medical Terminology 1

HO 150 Human Body Systems 1

HO 152 Human Body Systems 2

MTH052 Math for Physical Science, or higher, or Credit by Exam for MTH060 or higher, or transcripted credits: AP (Calculus), or CLEP (College Algebra, or any Calculus, or Statistics), or IB (Mathematics, or Math Studies, or Further Mathematics, or Statistics)

	Fall
HIM 120 Introduction to Health Information Management	3
HIM 270 ICD Coding	4
HIM 154 Introduction to Disease Processes	3
HIM 112 Medical Insurance Procedures	3
HIM 220 Legal and Ethical Aspects of Healthcare	3
	Winter
HIM 222 Reimbursement Methodologies	3
HIM 271 ICD-10 Coding 2	4
HIM 273 CPT Coding 1	4
COOP 206 Co-op Ed: Internship Seminar	2
	Spring
HIM 153 Introduction to Pharmacology	3
HIT 107 Integrated Electronic Heatlh Records	4
HIM280 Co-op Ed-Health Information Management	3
HIM 275 CPT Coding 2	4

Hotel/Restaurant/Tourism Management

Offered by the Culinary Arts and Hotel/Restaurant/Tourism Management, 541.463.3518

Associate of Applied Science Degree

Career Pathway Certificate - Meeting, Convention, and Special Events Manager

Program Coordinator Wendy Milbrat, Project Specialist, 541.463.3518, *milbratw@lanecc.edu;*or email: *CulinaryHospPrograms@lanecc.edu*

Purpose Trains graduates for exciting, varied careers in several areas, such as hotel management, meeting and special event management, restaurant management and ownership, and travel and tourism-related businesses. Upon completing this degree program in Hospitality Management, students will have opportunities for challenging and rewarding careers that can take them around the world.

Learning Outcomes The student who successfully completes all Hotel/Restaurant/Tourism Management requirements will:

- · describe types and standards of service.
- describe the function of human resources in the hospitality industry.
- · display an understanding of hospitality terminology.
- define and categorize hotel/restaurant organization and segmentation.
- identify various career paths within the hospitality industry.
- demonstrate effective communication skills.
- · demonstrate the ability to handle guest complaints.
- understand how hospitality organizations provide guest information and concierge services.
- explain fee and pricing categories.
- describe the functions of the marketing department.
- describe the hotel and amenities as products.
- · describe the elements of a marketing plan.
- · target the market audience.
- · describe the concept of supply and demand.
- demonstrate knowledge of safety regulations required in the hospitality industry, including OSHA regulations.
- · demonstrate appropriate personal hygiene.
- maintain guest and employee security procedures.
- describe and process financial transactions.
- describe night audit procedures.
- · describe and operate POS systems.
- describe room service procedures.
- describe the rights of management, staff and guests.
- describe hospitality industry related legal responsibilities and issues, including ADA.
- describe the positions and responsibilities of restaurant employees.
- plan, prepare, and cost menus.
- understand concepts related to purchasing, receiving, and storing of product.
- select, identify, and describe the correct restaurant equipment for various applications.
- explain procedures for health, safety, and sanitation.
- identify the basic elements of restaurant layout and design.
- · calculate payroll and employee schedules.
- provide an overview of the global environmental field as it stands today.
- understand concepts associated with the environmental, social, and cultural impacts of tourism and the hospitality industry.
- have a clear understanding of environmental law, voluntary initiatives and principles, for sustainable development int he tourism and hospitality industry.
- understand the triple bottom-line concept as it relate to the hospitality industry.

Accreditation Hospitality Management, accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA). Students graduating from the program will receive national certification status as a Certified Hospitality Graduate (CHG)

Admission Information A separate application to the program is required. Admission information is available from the Culinary Arts and Hotel/Restaurant/Tourism Management office, Building

19, Room 204 or online at *lanecc.edu/hospitality*. Or email: *CulinaryHospPrograms@lanecc.edu*

Advising and Counseling Program Advisors Claudia Riumallo and Tricia Lytton Program Counselor Carolyn Litty

Cooperative Education (Co-op) Students earn credit for on-the-job work experience related to educational and career goals. Through Co-op, students can develop and practice skills, expand career knowledge, and make contacts for future employment. For more information contact Joe McCully, Cooperative Education Coordinator, Bldg.19, Rm. 210, 541.463.3516, mccullyj@lanecc.edu

Job Openings Projected through 2020

Hotel Front Desk

Lane County openings - 17 annually Statewide openings - 191 annually

Hotel Managers

Lane County openings - 1 annually Statewide openings - 15 annually

Meeting and Convention Planners

Lane County openings - 3 annually Statewide openings - 37 annually

Wages

Hotel Front Desk

Lane County average hourly - \$10.61; average annual - \$22,068 Oregon average hourly - \$11.02; average annual - \$22,916

Hotel Managers

Lane County average hourly - \$NA; average annual - \$NA Oregon average hourly - \$28.36; average annual - \$58,987

Meeting and Convention Planners

Lane County average hourly - \$19.31; average annual - \$40,157 Oregon average hourly - \$23.78; average annual - \$49,467

Costs

Books	\$980
Program Specific Fees	
Resident Tuition and General Student Fees	\$10,336

Total Estimated Cost \$12,016

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All courses must be completed with a letter grade, not P/NP, and must be passed with a grade of 'C-' or better to satisfy program requirements.
- Directed electives may be met in any term of the two-year program. Check current class schedule for which Directed Electives are offered in a given term.
- Students may take Cooperative Education in any term approved by the coordinator.
- Cooperative Education can be substituted for one term of HRTM 225 Banquet Operations.
- Students interested in transferring to a four-year institution should: 'Complete WR 122 and WR 123 to fulfill the Arts and Letters requirements for the AAS. 'Add MTH 111 and MTH 112 courses.
- It is strongly recommended that students take MTH025 Basic Mathematics Applications: Culinary Majors but not required. Students may take any MTH 025 or higher class.
- MS PowerPoint and Excel are used extensively. If students are not familiar with these software programs, they are encouraged to take these classes prior to or during their first year in the program.

 General Education Requirements may be completed prior to program entry or any program term. For complete details refer to the college catalog or meet with your academic advisor.

Must be a credit-level student. Students are strongly advised to enter fall term. Complete college placement tests with the following minimum scores: writing-70, reading-68 and readiness'for MTH 025" taking the Arithmetic section of the Accuplacer test and scoring 75 or higher and'attach copies of test score sheets to application. Students with prior college credit, must attach a copy of'transcript(s), and are highly recommended to take the Placement tests and attaching those scores as well. Math must be current within one year or a placement test will need to be taken. A Lane County Food Handlers Card is required for entry into the program.

The Dual Degree Option for Culinary Arts Graduates, seeking the 2yr. AAS in Hospitality Management, can not be reversed. This option can only be obtained by first completing the 2yr. AAS in Culinary Arts. MS Powerpoint and Excel are used extensively. If students are not familiar with these software programs they are encouraged to take these classes prior to or during their first year in the program.

year in the program.	
First Year	Fall
HRTM 105 Restaurant Operations	3
HRTM 106 Introduction to Hospitality Management	3
HRTM 225 Banquet Operations	2
MTH 025 Basic Mathematics	3
General Education Requirement	3
	Winter
HRTM 110 Hospitality Sales and Marketing	3
HRTM 140 Hospitality Law and Security	3
HRTM 225 Banquet Operations	2
Direct Elective	3
General Education Requirement	3
	Spring
CA 175 Food Services Sanitation and Safety	2
CA 200 Menu Management	3
HRTM 205 Managing the Restaurant Operation	3
HRTM 225 Banquet Operations	2
General Education Requirement	3
S	ummer
HRTM 280 Co-op Ed: Hospitality	7
Second Year	Fall
CA 159 Kitchen Fundamentals	2
HRTM 230 Hotel Operations 1 HRTM 260 Hospitality Human Resources and Supervision	3
HRTM 265 Hospitality Financials 1	3
HRTM 104 Introduction to Travel and Tourism	3
General Education Requirement	3
Gonoral Education Hogan Strict III	Winter
LIDTM 224 Hetel On south and 2	
HRTM 231 Hotel Operations 2 HRTM 275 Hospitality Financials 2	3
HRTM 292 Dining Room and Kitchen Lab	2
HRTM 109 Principals of Meeting and Convention Manager	
	3
General Education Requirement	·
General Education Requirement	Spring
General Education Requirement	Spring 2
HRTM 220 Sustainability in the Hospitality Industry HRTM 286 Bar and Beverage Management	Spring 2 3
HRTM 220 Sustainability in the Hospitality Industry HRTM 286 Bar and Beverage Management	Spring 2 3 3
HRTM 220 Sustainability in the Hospitality Industry HRTM 286 Bar and Beverage ManagementHRTM 290 Hospitality LeadershipHRTM 292 Dining Room and Kitchen Lab	Spring 2 3 3 2
HRTM 220 Sustainability in the Hospitality Industry HRTM 286 Bar and Beverage Management	Spring 2 3 3 2

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Meeting, Convention, and Special Events Manager

Offered by the Culinary Arts and Hospitality Management, 541.463.3518

Career Pathway Certificate

Program Coordinator Wendy Milbrat, Project Specialist, 541.463.3518, milbratw@lanecc.edu;or email: CulinaryHospPrograms@lanecc.edu

Purpose The Career Pathways Certificate program for a Meeting, Convention, and Special Events Manager is for students that want to learn how to manage meetings, conventions, and special events. All of the classes offered in this program apply directly to an Associate of Applied Science degree in Hospitality Management.

Learning Outcomes The student who successfully completes all Meeting, Convention, and Special Events Manager requirements will:

- describe types and standards of service.
- describe the function of human resources in the hospitality industry.
- · display an understanding of hospitality terminology.
- define and categorize hotel/restaurant organization and segmentation.
- identify various career paths within the hospitality industry.
- demonstrate effective communication skills.
- · demonstrate the ability to handle guest complaints.
- understand how hospitality organizations provide guest information and concierge services.
- · explain fee and pricing categories.
- describe the functions of the marketing department.
- · describe the hotel and amenities as products.
- · describe the elements of a marketing plan.
- target the market audience.
- describe the concept of supply and demand.
- demonstrate knowledge of safety regulations required in the hospitality industry, including OSHA regulations.
- demonstrate appropriate personal hygiene.
- · maintain guest and employee security procedures.
- describe night audit procedures.
- · describe and process financial transactions.
- · describe and operate POS systems.
- · describe room service procedures.
- · describe the rights of management, staff and guests.
- describe hospitality industry related legal responsibilities and issues, including ADA.
- describe the positions and responsibilities of restaurant employees.
- plan, prepare, and cost menus.
- understand concepts related to purchasing, receiving, and storing of product.
- select, identify, and describe the correct restaurant equipment for various applications.
- explain procedures for health, safety, and sanitation.
- identify the basic elements of restaurant layout and design.
- · calculate payroll and employee schedules.
- provide an overview of the global environmental field as it stands today.
- understand concepts associated with the environmental, social, and cultural impacts of tourism and the hospitality industry.
- have a clear understanding of environmental law, voluntary initiatives and principles, for sustainable development in the tourism and hospitality industry.

 understand the triple bottom-line concept as it relates to the hospitality industry.

Admission Information A separate application to the program is required. Admission information is available from the Culinary Arts and Hospitality Management office, Building 19, Room 204 or online at *lanecc.edu/culinary*. Or email: *CulinaryHospPrograms@lanecc.edu*

Costs

Books	
Total Estimated Cost	\$4,910

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

 Students that are completing both the Hospitality Management AAS degree and the Meeting, Convention, and Special Event Management certificate need to complete a total of 8 co-op credits.

	Fall
HRTM 109 Principles of Meetings and Convention	
Management	3
HRTM 225 Banquet Operations	2
HRTM 230 Hotel Operations 1	3
HRTM 106 Introduction to Hospitality Management	3
	Winter
HRTM 110 Hospitality Sales and Marketing	3
HRTM 225 Banquet Operations	2
HRTM 231 Hotel Operations 2	3
HRTM 280 Co-op Ed: Hospitality Management	4
	Spring
HRTM 209 Advanced Principles of Meeting, Convention,	
and Special Event Management	3
HRTM 225 Banquet Operations	2
HRTM 280 Co-op Ed: Hospitality Management	4
HRTM 260 Hospitality Human Resources and	
Supervision	3

Human Services

Offered by the Social Science Department, 541.463.5427

Associate of Applied Science Degree

Career Pathway Certificate - Community Health Worker

Program Coordinator Christina

Salter salterc@lanecc.edu

Purpose Human service workers are trained to provide a wide range of emotional and practical support services aimed at addressing the needs of people facing a variety of challenges in their lives. Human service workers are employed in diverse settings, serving children, adolescents, families, and adults. For example, human service workers can be found staffing crisis lines; assisting individuals in meeting their health related needs; supervising young juvenile offenders; working with the elderly to help them maintain their independence; arranging for services for homeless families; coordinating recreational services for people with disabilities; providing parent education; counseling and case managing individuals experiencing addiction; and advocating for victims of domestic or sexual violence. Coursework includes classes that meet basic requirements for Oregon state certification for chemical dependency counselors. Lane Community College's Human Services Program prepares students for entry-level employment in public and private nonprofit agencies. Most human services careers require a criminal background check.

Learning Outcomes The student who successfully completes all Human Services requirements will:

- · assess an individual or a family's needs.
- be able to communicate effectively with others.
- develop a plan of action using client's strengths, and link people with community resources.
- develop the competency required to work with people from diverse backgrounds.
- formulate questions that can be addressed with data and collect, organize and display relevant data to answer them.
- use appropriate library and information resources to research professional issues and support lifelong learning.
- understand and apply evidence-based practices.

Advising and Counseling Andi Graham is the Academic Adivisor and Susan Shipp is the Academic Counselor contact at socscilicprograms@lanecc.edu

Cooperative Education (Co-op) Co-op is a significant field placement component that provides opportunities for students to explore their career options while gaining practical experience in the field. Contact Christina Salter at 541.463.5813 or salterc @lanecc.edu

Job Openings Projected through 2020

Social and Human Service Assistants

Statewide employment analysis for social and human service assistants indicates that this occupation in 2014 was much larger than the regional average for all occupations. The total number of job openings is projected to be much higher than the regional average number of job openings for all occupations through 2024. This occupation is expected to grow at about the regional average growth rate for all occupations through 2024. Reasonable employment opportunities exist largely due to the significant number of job openings projected for this occupation.

Substance Abuse and Behavioral Disorder Counselors

Statewide employment analysis for substance abuse and behavioral disorder counselors indicates that employment in this occupation in 2014 was at about the regional average for all occupations. The total number of job openings is projected to be at about the regional average number of job openings for all occupations through 2024. This occupation is expected to grow at a somewhat faster rate than the regional average growth rate for all occupations through 2024. Reasonable employment opportunities exist largely due to the significant number of job openings projected for this occupation.

Wages

Social and Human Service Assistants

Lane County average hourly - \$16.00; average annual - \$33,269 Oregon average hourly - \$15.34; average annual - \$33,989

Substance Abuse and Behavioral Disorder Counselors

Lane County average hourly - \$17.84; average annual \$37,116 Oregon average hourly - \$22.48; average annual - \$46,764

Costs

Books	\$3,200
Program Specific Fees	\$200
Resident Tuition and General Student Fees	\$9,255

Total Estimated Cost \$12,655

Course Requirements

- All required HS courses must be taken for a letter grade, not P/ NP, and must be passed with a 'C-' or better to fulfill program requirements.
- A total of 18 credits of CG 280HS Cooperative Education: Human Services must be taken for a letter grade, not P/NP, and must

be passed with a 'C-' or better to fulfill program requirements.

- A total of 9 credits of directed electives must be taken for a letter grade, not P/NP, and must be passed with a "C-" or better to fulfill program requirements.
- HS 155 Interviewing Theory and Techniques must be completed prior to enrollment in HS 231, 232, 265, and 266.
- For choices in Science, Math, and Computer Science, see AAOT degree description.
- Courses with WR, COMM, ANTH, PSY prefixes and all Science/ Math, Computer Science courses are transferable and may be applicable to an AAOT degree. Up to twelve credits of HS prefix courses and 18 credits of CG 280 HS may be used toward AAOT electives.

First Year	Fall
HS 150 Personal Effectiveness for Human	
Service Workers	3
HS 201 Introduction to Human Services	3
Directed Elective 3-6 credits	3-6
Choice of:	
WR121 Intro to Academic Composition	
WR121_H Intro to Academic Composition	4
	Winter
HS 155 Interviewing Theory and Techniques	3
MTH 025 Basic Mathematics Applications or higher CG 280HS Co-op Ed: Human Services	3
Choice of:	3
COMM100 Basic Communication	
COMM111 Fundamentals of Public Speaking	
COMM112 Persuasive Speech COMM130 Business and Professional Speech	
COMM218 Interpersonal Communication	4
Choice of:	·
WR122 Composition: Style and Argument	
WR122_H Composition: Style and Argument	4
	Spring
ANTH 103 Cultural Anthropology	4
CG 280HS Co-op Ed: Human Services	4
HS 231 Advanced Interviewing and Counseling HS 265 Casework Interviewing	3
Directed Elective	3-4
Second Year	Fall
CG 280HS Co-op Ed: Human Services	3
HS 102 Psychopharmacology	4
HS 266 Case Management	3
Directed Elective	3-4 4
To T 201 General T Sychology	Winter
HS 267 Cultural Competence in Human Services	3
Directed Elective	2-4
PSY 202 General Psychology	4
CG 280HS Co-op Ed: Human Services	4
Science/Math/Computer Science requirement	3
	Spring
CG 280HS Co-op Ed: Human Services	4
HE209 Human Sexuality	
HE250 Personal Health	
HS252 First Aid	
HS255 Global Health and Sustainability	2.4
HS275 Lifetime Health and Fitness HS 224 Group Counseling Skills	3-4 3
HS 232 Cognitive-Behavioral Strategies	3
PSY 203 General Psychology	4
Directed Electives	
Behavioral Health	
HS 158Trauma: Theory to Practice	2
HS 209 Crisis Intervention and Prevention	3
HS 220 Prevention 1: Preventing Substance Abuse and	

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Other Social Problems HS 221 Co-occurring Disorders	3
HS 222 Best Practices in Human Services:	
Interventions	4
Criminal Justice and Treatment	
HS 158Trauma:Theory to Practice	2
HS 205 Youth Substance Abuse	3
HS 206The Criminal Addict: Issues and Interventions HS 220 Prevention 1: Preventing Substance Abuse and	3
Other Social Problems	3
Interventions	4
CJA 201 Juvenile Delinquency	3
CJA 232 Correctional Casework	3
Community Health Worker	
HS 171 Community Health Worker	6
HS 221 Co-occurring Disorders	3
HS 158 Trauma: Theory to Practice	2
HE 255 Global Health and Sustainability	4
Addictions Counseling	
HS 228 HIV/AIDS and other Infectious Diseases:	
Risk Assessment and Intervention	2
HS 221 Co-occurring Disorders	3
HS 151 Issues in Assessing and Treating the Problem	
Grambler	1
HS 158Trauma: Theory to Practice	2
HS 205 Youth Substance Abuse	3
HS 220 Prevention 1: Preventing Substance Abuse and	3
Other Social Problems	3
HS 222 Best Practices in Human Services:	3
Interventions	4
Youth and Family	
HS 158Trauma: Theory to Practice	2
HS 205 Youth Substance Abuse	3
HS 209 Crisis Intervention and Prevention	3
HS 220 Prevention 1: Preventing Substance Abuse and	
Other Social Problems	3
HS 222 Best Practices in Human Services:	
Interventions	4
HS 229 Grief and Loss Across Life Span	3

Community Health Worker

Offered by the Social Science Division, 541.463.5427

Career Pathway Certificate

Program Coordinator Christina Salter salterc@lanecc.edu

Purpose This program prepares students for an emerging role in the health care field. Community Health Workers have been identified as critical positions in helping individuals, and Communities, efficiently access care and community resources to improve health outcomes for the individual while controlling health care costs.

Learning Outcomes The student who successfully completes all Community Health Worker requirements will:

- · list the social determinants of health.
- · demonstrate case management and coordination skills.
- · demonstrate outreach, advocacy, and system navigation skills.
- demonstrate relationship building and helping skills to assist individuals in accessing and effectively utilizing primary and behavioral health care settings.
- demonstrate sensitivity and cultural competence in serving members of diverse communities including clinical communities.
- · describe health across the life span.
- develop ethical relationships with consumers, caregivers, professionals and community agencies.
- identify basic symptoms related to common chronic diseases

- including mental health problems and addictions and list ways to prevent and manage these diseases.
- list the principles of trauma-informed services.
- list the regulations and services offered by the various components of the health care system.

Cooperative Education (Co-op) Co-op is a significant field placement component that provides opportunities for students to explore their career options while gaining practical experience in the field. Contact Co-op Education Office at 541.463.5203.

Job Openings Projected through 2020

Community Health Worker is an emerging occupation so employment data is limited to the past few years. Employment in this occupation in 2014 was somewhat smaller than the statewide average for all occupations. The total number of job openings is projected to be somewhat lower than the statewide average number of job openings for all occupations through 2024. This occupation is expected to grow at about the statewide average growth rate for all occupations through 2024. Reasonable, but limited, employment opportunities exist for trained workers.

Wages

Average hourly wage in Lane County is \$14.91. Average hourly wage in Oregon is \$22.23. Average annual salary for Community Health Workers is \$31,016 in Lane County and \$46,245 in Oregon.

Costs

Books		\$1,100
Program Specific Fees		\$300
To	tal Estimated Cost	\$1.400

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- All courses must be taken for a letter grade, not P/NP, and must be passed with a 'C-' or better to fulfill program requirements.
- See course descriptions for prerequisite and corequisite information.

CG 280 HS Co-op Ed: Human Services	3
Choice of:	3
HE 250 Personal Health	
HE 275 Lifetime Health and Fitness	
HE 255 Global Health and Sustainability	4
HS 150 Personal Effectiveness for Human	
Service Workers	3
HS 155 Interviewing Theory and Techniques	3
HS 158Trauma: Theory to Practice	2
HS 171 Tradition Health Care Worker	6
HS 221 Co-occurring Disorders	3
HS 226 Ethics and Law	3
HS 266 Case Management	3
HS 267 Cultural Competence in Human Services	3
CG 280HS Co-op Ed: Human Services	3
·	

Industrial Mechanics and Maintenance Technology Apprenticeship

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

One-Year Certificate of Completion - Industrial Mechanics and Maintenance Technology Apprenticeship

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, *crumpj@lanecc.edu*.

Purpose To provide a structured system of training in millwright trades or occupations, leading to certification and journey-level status, only for apprentices who are sponsored by individual employers, accepted by a Joint Apprenticeship Training

Committee, and registered with the State of Oregon Bureau of Labor and Industries.

Learning Outcomes The graduate will:

- perform the duties and responsibilities of the millwright trade.
- · develop machine shop skills in troubleshooting.
- demonstrate and use industry safety standards.
- identify mechanical and/or electrical industrial systems.
- develop attitudes conducive to improved customer relations skills in the millwright trade.
- develop communication and critical thinking skills necessary for job advancement.
- use appropriate library and information resources to research professional issues and support lifelong learning.
- access library, computing, and communications services, and appropriately select information and data from regional, national, and international networks.
- apply appropriate formulas to mathematical situations.
- adapt to new job requirements to qualify for advancement in becoming lead supervisors.
- complete 8000 hours State of Oregon-approved on-the-job -training.

Licensing and Certification An apprenticeship "Award of Completion" issued by the Oregon Bureau of Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industrywide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, the Oregon community college Industrial Mechanics and Maintenance Technology Apprenticeship pathway provides statewide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science in Operations Management degree. The Industrial Mechanics and Maintenance Technology Apprenticeship pathway includes an advising guide with a set of recommended courses that satisfy both the AAS and the Oregon Transfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution.

Admission Information Admission to the millwright trade is usually conducted as an internal process with the employer. Information is available at the Oregon Bureau of Labor and Industries website: boli.state.or.us.

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Lane County openings - 2 annually Statewide openings - 39 annually

Wages

Lane County average hourly - \$21.15; average annual - \$43,989

Oregon average hourly - \$25.36; average annual - \$52,764

Although wages vary, the average starting wage of an apprentice is about 50 percent of a journey worker's rate of pay. Apprentices usually earn a five-percent raise every six months if training and school performance is satisfactory. Check the Bureau of Labor and Industries website: boli.state.or.us.

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.

Books	\$1,500
Resident Tuition and General Student Fees	\$10,000

Total Estimated Cost \$11,500

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- WR 115W and MTH 060 must be must be passed with a grade of Pass or 'C-' or better to satisfy program requirements.
- General education course choices are listed on the Associate of Applied Science degree page.
- complete 8000 hours State of Oregon-approved on-the-job training and provide a State of Oregon Apprenticeship Training Journey-man card or BOLI-ATD Certificate of Completion.
- demonstrate an equivalency of 90 credit hours, with a minimum of 24 credits at Lane, including the last term at Lane.
- complete all requirements for an AAS degree as listed below.
- earn a cumulative grade point average above 2.0 at Lane or transfer credits earned at other regionally accredited colleges or universities.

Pre-requisites Minimum placement scores "Reading 68, Writing 64, and readiness for Math 60. Note: See the counselor or advisor to obtain the suggested entry-level skills for successful completion of these programs.

Admission Students must be registered apprentices with the State of Oregon Bureau of Labor and Industries and accepted by a Joint Apprenticeship Training Committee. In most cases minimum qualifications to begin an apprenticeship include a minimum age of 18 years, a high school diploma with a GPA of 2.0 or higher or GED, and a minimum of a 'C' grade for one year of high school algebra (or equivalent).

Journeyman card from Oregon Bureau of Labor and 'Industries Apprenticeship and Training Division, 'prior certification is worth 22 credits towards the AAS.

General Education

WR 115W Introduction to College Writing: Workplace	
Emphasis or higher	3
MTH 060 Beginning Algebra or higher	4
PE/Health Requirement	3
Arts and Letters requirement	3
Human Relations requirement	3
Science/Math/Computer Science requirement	3
Choice of:	
Arts and Letters requirement	
Human Relations or Social Science requirement	
Science/Math/Computer Science requirement	3
Journayman aard from Orogan Ruraay of Lahar and Industries	

Journeyman card from Oregon Bureau of Labor and Industries Apprenticeship and Training Division (22 credits)

22
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2
4

APR 101 Trade Skills Fundamentals.....

CS 120 Concepts of Computing: Information

4
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3

Industrial Mechanics and Maintenance Technology Apprenticeship

Offered by the Advanced Technology Division, 541.463.5380

One-Year Certificate of Completion

Program Coordinator Joy Crump, Bldg. 15 Rm. 201, 541.463.5496, *crumpj@lanecc.edu*.

Purpose Students may earn a Certificate of Completion in Industrial Mechanics and MaintenanceTechnology Apprenticeship by successfully completing 43 core related training credits with a 'C' grade or better in all courses, and completing related instruction in communications, computation, and human relations.

Learning Outcomes Graduates will:

- perform the duties and responsibilities of the millwright trade.
- · identify mechanical and/or electrical industrial systems.

Licensing and Certification An apprenticeship "Award of Completion" issued by the Oregon Bureau of Labor and Industries Apprenticeship and Training Division certifies that an individual has been trained in all aspects of an occupation and has met the requirements for program completion. This certificate is recognized throughout Oregon and industry-wide as a valid indicator of high quality, standardized training, and it provides on-the-job training documentation for community college credit. In addition, the Oregon community college Industrial Mechanics and Maintenance Technology Apprenticeship pathway provides statewide transfer opportunities, laddered certificates of completion, and an optional transfer path into Oregon Institute of Technology Bachelor of Science in Operations Management degree. The Industrial Mechanics and Maintenance Technology Apprenticeship pathway includes an advising guide with a set of recommended courses that satisfy both the AAS and the OregonTransfer Module (OTM). Students who complete the recommended set of OTM courses may apply for 45 credits of guaranteed block transfer to any other community college or Oregon University System institution.

Admission Information Admission to the millwright trade is usually conducted as an internal process with the employer. Information is available at the Oregon Bureau of Labor and Industries website: boli.state.or.us.

Advising and Counseling lanecc.edu/advtech/counselor-and-advisor -drop-hours

Job Openings Projected through 2020

Lane County openings - 2 annually Statewide openings - 39 annually

Wages

Lane County average hourly - \$21.15; average annual - \$43,989 Oregon average hourly - \$25.36; average annual - \$52,764

Although wages vary, the average starting wage of an apprentice is about 50 percent of a journey worker's rate of pay. Apprentices

usually earn a five-percent raise every six months if training and school performance is satisfactory. Check the Bureau of Labor and Industries website: boli.state.or.us.

Costs Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.

Books	\$1,500
Resident Tuition and General Student Fees	\$10,000

Total Estimated Cost \$11,500

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- WR 115W and MTH 060 must be passed with a grade of Pass or 'C-' or better to satisfy program requirements.
- Human Relations course choices are listed on the Associate of Applied Science degree page.
- To earn the certificate, student must:

complete State of Oregon-approved on-the-job training and provide a State of Oregon Apprenticeship Training Journey-level card or BOLI-ATD Certificate of Completion, 8000-Hour BOLI-ATDTrade: Industrial Millwright.

complete related instruction credits (communication, computation, human relations). 10 credits complete core-related training credits. 43 credits Total Credits 53

 Minimum placement scores reading 68, Writing 64, and Math parts A, B, C with 7/10 score. Note: See the counselor or advisor to obtain the suggested entry-level skills for successful completion of these programs.

Journeyman card from Oregon Bureau of Labor and Industries Apprenticeship and Training Division, prior certification

Related Instruction

WR 115W Introduction to College Writing: Workplace Emphasis or higher..... 3 Human Relations 3 MTH 060 Beginning Algebra or higher 4 **Core-Related Training** APR 150The Millwright and Shop Safety..... 5 APR 151 Millwright Machine Theory and Trade 5 Calculations..... APR 152 Millwright: PowerTransmissions and Boilers-Steam 5 APR 250 Millwright: Industrial Print Reading, Schematics, and Estimating..... APR 251 Millwright: Pneumatics and Lubrications..... 5 5 APR 252 Hydraulics for Millwrights APR 253 Millwright Piping Systems..... 5 MTH 085 Applied Geometry for Technicians..... 4 2 APR 185 Shielded Metal Arc Welding 1..... APR 186 Wire Drive Welding 1.....

Manufacturing Technology

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree

Associate of Applied Science Degree Option - Manufacturing Technology Computer Numerical Control Technician Option

Career Pathway Certificate - Manufacturing Technician 1

Career Pathway Certificate - Manufacturing Technician 2

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose The Two Year Associate of Applied Science Degree in

Manufacturing Technology provides fundamental training in Manufacturing (machine shop) and related work. A graduate qualifies for entry level positions as a Machinist or CNC Operator in manufacturing shops and related machine tool industries. Machining and CNC manufacturing jobs are some of the fastest growing career options in Oregon and Lane County. Employment opportunities include high tech machine shops, job shops, production machine shops, tool and die shops, machine repair and maintenance shops and other manufacturing industries.

Learning Outcomes Upon completing the training for this degree, the student will know how to operate safely in a manufacturing environment. They will be able to effectively use precision measuring tools, read prints and have mathematical skills to accomplish shop tasks. They will have experience using most shop machinery and basic knowledge in CNC including programming, setup and operation of CNC lathes and mills as well as basic knowledge in CAD, CAM and verification software used in CNC manufacturing environments.

- have proficiency in the setup and operation of all standard machine tools employed by the modern machine shop.
- demonstrate and use industrial safety standards for safe operation of all machine tools.
- use basic math skills, formulas and right angle trigonometry to accomplish shop tasks.
- use the internet to access information pertaining to shop techniques and tool use.

Admission Information See *lanecc.edu/advtech/mfg* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Manufacturing Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits may be earned in lieu of required Manufacturing Technology course credits. Contact Chuck Fike, Manufacturing Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 13 annually

Statewide openings - 161 annually

Wages

Lane County average hourly - \$20.54; average annual - \$42,723 Oregon average hourly - \$23.33; average annual - \$48,527

Costs Estimates based on 2016-2017 data. Program is going through restructure. Consult Lane's website for updated tuition and fees.

Books Differential Fees* Instruments/Tools	\$2,760 \$1,425
Program Specific Fees	\$2,025
Resident Tuition and General Student Fees	\$10,920

Total Estimated Cost \$18,355

Course Requirements

Prerequisites are required for some courses. See course descriptions.

- PE/Health courses must be completed with a Pass or "C-" or better to meet program requirements.
- Arts and Letters, Human Relations, and Social Science course choices are listed on the Associate of Applied Science degree page.
- All CNC, MFG and MTH courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C-" or better to satisfy program requirements.

First Year	Fall
MFG 102 Shop Measurement and Coordinate System	3
MFG 101 Safety and Basic Shop Practice	3
CNC 101 CNC Concepts	3
MFG 103 Metal Cutting BasicsMTH 060 Beginning Algebra	3
Will 000 beginning Algebra	
WD 445WH c I is a C II Wiss W I I	Winter
WR 115W Introduction to College Writing: Workplace Emphasis	3
MFG 151 Manufacturing 1	6
MFG 152 Manufacturing 2	4
CNC 102 CNC Setup and Operation	3
	Spring
PE/Health Requirement	3
CNC 103 CNC Programming	3
MFG 153 Manufacturing 3	5
MFG 241 Solid Modeling 1	3
CNC 108 CNC Projects	3
Second Year	Fall
Human Relations Requirement	3
MFG 254 Manufacturing 4	6
MFG 242 Solid Modeling 2	3
MTH 085 Applied Geometry for Technicians	4
	Winter
MFG 254 Manufacturing 4	6
MFG 255 Manufacturing 5	6
Arts/Letters Requirement	3
	Spring
Choice of: DRF160 Computer-Aided Drafting and Design WLD151 Metallurgy: Fundamentals and Welding WLD121 Shielded Metal Arc Welding 1	3-4
MFG 209 Advanced Manufacturing Processes MFG 255 Manufacturing 5	6 6

Manufacturing Technician 1

Offered by the Advanced Technology Division, 541.463.5380

Career Pathway Certificate

Program CoordinatorTracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat *@lanecc.edu*

Purpose This certificate prepares the student for an entry level manufacturing position. The skills provided will prepare the student for successful advancement through on the job training.

Learning Outcomes Upon completing the training for this certificate, the student will know how to operate safely in a manufacturing environment. They will be able to effectively use precision measuring tools, read prints and have mathematical skills to accomplish shop tasks. They will have some experience using the bandsaw, mill and lathe, both manual and CNC.

Admission Information See *lanecc.edu/advtech/mfg* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255 Seea Counselor or Advisor to learn what entry-level skills are suggested for successful completion of this program.

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Manufacturing Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits may be earned in lieu of required Manufacturing Technology course credits. Contact Chuck Fike, Manufacturing Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 23 positions Statewide: 385 positions

Wages

Lane County average hourly - \$13.79; average annual - \$28,675 Oregon average hourly - \$15.60; average annual - \$32,348

Costs Estimates based on 2016-2017 data. Program is going through restructure. Consult Lane's website for updated tuition and fees.

Books	\$120
Instruments/Tools	\$25
Program Specific Fees	\$144
Resident Tuition and General Student Fees	\$1,845
_	

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

 Prerequisites are required for some courses. See course descriptions.

Total Estimated Cost \$2,134

 MFG/CNC courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C-" or better to satisfy program requirements.

	raii
MFG 101 Safety and Basic Shop Practice	3
MFG 103 Metal Cutting Basics	3
MFG 151 Manufacturing 1	6
CNC 101 CNC Concepts	3
MFG 102 Shop Measurement and Coordinate System	3

Manufacturing Technician 2

Offered by the Advanced Technology Division, 541.463.5380

Career Pathway Certificate

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose This certificate prepares the student for a semi-skilled manual or CNC manufacturing position. The skills provided will prepare the student for successful advancement through on the job training.

Learning Outcomes Upon completing the training for this certificate, the student will know how to operate safely in a manufacturing environment. They will be able to effectively use precision measuring tools, read prints and have the mathematical skills to accomplish tasks. They will have experience using most manual shop machinery and have been introduced to programming, setup and operation of CNC lathes and mills.

Admission Information See *lanecc.edu/advtech/mfg* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view/php?id=31255 Seea Counselor or Advisor to learn what entry-level skills are suggested for successful completion of this program.

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Manufacturing Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits may be earned in lieu of required Manufacturing Technology course credits. Contact Chuck Fike, Manufacturing Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County: 9 positions

Statewide: 130

Wages

Lane County average hourly - \$15.96; average annual - \$33,211 Oregon average hourly - \$15.68; average annual - \$32,611

Costs Estimates based on 2016-2017 data. Program is going through restructure. Consult Lane's website for updated tuition and fees.

Books	\$120
Instruments/Tools	\$50
Program Specific Fees	\$306
Resident Tuition and General Student Fees	\$3,970
Total Estimated Cost	\$4,446

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- MFG/CNC courses must be completed with a letter grade, not P/NP, and must be passes with a grade of "C-" or better to satisfy program requirements.

Fall
3
3
3
3
Winter
6
4
3
Spring
3
3
5

Manufacturing Technology Computer Numerical Control Technician Option

Offered by the Advanced Technology Division, 541.463.5380

Associate of Applied Science Degree Option

Program Coordinator Tracy Rea, Bldg 15, Rm. 201, 541.463.5151, reat@lanecc.edu

Purpose This degree prepares the student for an entry level skilled CNC manufacturing position. The skills provided will prepare the student for successful advancement through on the job training.

Learning Outcomes Upon completing the training for this degree, the student will know how to operate safely in a manufacturing environment. They will be able to effectively use precision measuring tools, read prints and have the mathematical skills

to accomplish shop tasks. They will have experience using most shop machinery including programming, setup and operation of CNC lathes and mills as well as CAD, CAM and verification software used in CNC manufacturing environments.

- have proficiency in the setup and operation of all standard machine tools employed by the modern machine shop.
- demonstrate and use industrial safety standards for safe operation of all machine tools.
- use basic math skills, formulas and right angle trigonometry to accomplish tasks.
- use the internet to access information pertaining to shop techniques and tool use.
- create and edit g-code programs both manually and with CAM software.
- setup, program and machine parts on 3-axis CNC milling machines and 2 axis CNC lathes.

Admission Information See *lanecc.edu/advtech/mfg* or contact the Advanced Technology Division, *AdvTechPrograms@lanecc.edu*

Advising and Counseling classes.lanecc.edu/course/view.php?id= 31255

Cooperative Education (Co-op) Co-op offers students college credit and a grade for on-the-job work experience related to their educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Under the supervision of the Manufacturing Technology Co-op Coordinator and with instructor consent, a maximum of 18 Co-op credits may be earned in lieu of required Manufacturing Technology course credits. Contact Chuck Fike, Manufacturing Technology Co-op Coordinator, Bldg 19, Rm. 281 or Bldg 12, Rm. 206. 541.463.5078, fikec@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 14 annually

Statewide openings - 135 annually

Wages

Lane County average hourly - \$19.71; average annual - \$41,001 Oregon average hourly - \$19.14; average annual - \$39,805

Costs Estimates based on 2016-2017 data. Program is going through restructure. Consult Lane's website for updated tuition and fees.

Books	\$1,000
Differential Fees*	\$2,990
Instruments/Tools	\$1,425
Program Specific Fees	\$1,950
Resident Tuition and General Student Fees	

Total Estimated Cost \$18,400

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- PE/Health courses must be completed with a Pass or "C-" or better to meet program requirements.
- Arts and Letters, Human Relations, and Social Science course choices are listed on the Associate of Applied Science degree page.
- All CNC, MFG and MTH courses must be completed with a letter grade, not P/NP, and must be passed with a grade of "C-" or better to satisfy program requirements.

First Year	Fall
MTH 060 Beginning Algebra	4
MFG 102 Shop Measurement and Coordinate System	3

MFG 101 Safety and Basic Shop Practice	3 3 3
	Winter
WR 115W Introduction to College Writing: Workplace	
Emphasis	3
MFG 151 Manufacturing 1	6
MFG 152 Manufacturing 2	4
CNC 102 CNC Setup and Operation	3
	Spring
PE/Health Requirement	3
CNC 103 CNC Programming	3
MFG 153 Manufacturing 3	5
MFG 241 Solid Modeling 1 CNC 108 CNC Projects	3
CIVE 100 CIVE I TOJECIS	
	•
Second Year	Fall
Second Year MTH 085 Applied Geometry for Technicians	Fall 4
Second Year MTH 085 Applied Geometry for Technicians CNC 201 CNC Mill	Fall 4 3
Second Year MTH 085 Applied Geometry for Technicians CNC 201 CNC Mill MFG 242 Solid Modeling 2	Fall 4 3 3
Second Year MTH 085 Applied Geometry for Technicians CNC 201 CNC Mill	Fall 4 3 3 6
Second Year MTH 085 Applied Geometry for Technicians CNC 201 CNC Mill MFG 242 Solid Modeling 2 MFG 243 CAM 1	Fall 4 3 3 6 Winter
Second Year MTH 085 Applied Geometry for Technicians	Fall 4 3 3 6 Winter 3
Second Year MTH 085 Applied Geometry for Technicians	Fall 4 3 3 6 Winter 3 3
Second Year MTH 085 Applied Geometry for Technicians	Fall
Second Year MTH 085 Applied Geometry for Technicians	Fall 4 3 3 6 Winter 3 3 3 6 6
Second Year MTH 085 Applied Geometry for Technicians	Fall 4 3 3 6 Winter 3 3 3 6 Spring
Second Year MTH 085 Applied Geometry for Technicians	Fall 4 3 3 6 Winter 3 3 6 Spring 6
Second Year MTH 085 Applied Geometry for Technicians	Fall 4 3 3 6 Winter 3 3 3 6 Spring

Medical Assistant

Offered by the Health Professions Division, 541.463.5617

One-Year Certificate of Completion

Program Coordinator Health Professions Division, 541.463.5617

Purpose To train the graduate for a successful career in the profession of medical assisting, and qualified to become a Certified Medical Assistant. The Certified Medical Assistant is a vital member of the ambulatory health care team.

Learning Outcomes The student who successfully completes all Medical Assistant requirements will:

- prepare patients for examination or treatment; take temperatures, measure height and weight, and accurately record information in the patient chart.
- physically assist patients onto and off exam table.
- sterilize instruments and stand by to assist as the physician examines or treats patients, or performs in-office surgeries.
- give medical care to patients, under the physician's supervision, such as giving injections and drawing blood.
- · perform certain diagnostic testing in the laboratory.
- perform administrative duties, which include managing an appointment schedule, organizing patients' medical records, bookkeeping procedures, and processing insurance claims.
- use library resources for research and written assignments for a variety of purposes.
- perform mathematic equations associated with medication dosages as well as basic mathematics to process medical insurance claims.

Accreditation Medical Assistant, accredited by the Commission on Accreditation of Allied Health Education Programs, a specialized accrediting board recognized by the Council for Higher Education Accreditation, on recommendation of the Medical Assisting Education Review Board of the American Association of Medical Assistants Endowment. Commission on Accreditation

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

of Allied Health Education Programs, 25400 US Highway 19 North, Suite 158, Clearwater, FL 33753; caahep.org; 727.210.2350

Licensing and Certification Certified Medical Assistant

Admission Information Students are encouraged to consult a program advisor or counselor before applying for admission. The application and information on the point allocation system and transfer students is available in the Counseling and Advising Center and on the Medical Office Assistant website, <code>lanecc.edu/hp/moa</code>

Advising and Counseling Contact Counseling and Advising, Student Services Building, or e-mail MOAProgram@lanecc.edu

Cooperative Education (Co-op) During the required unpaid Co-op work experience in spring term, students rotate through local medical offices and clinics in both clinical and administrative settings. Students earn college credit and gain actual work experience. Students also receive instruction in the identification and proper use of other medical equipment and valuable on-the-job training. A required weekly seminar during spring term includes resume writing instruction, interviewing techniques, and other job-search skills. Contact Marty Pittman, Medical Office Assistant Cooperative Education Coordinator, Bldg. 18, Rm. 105, 541.463.3177.

Job Openings Projected through 2020

Lane County openings - 30 annually Statewide openings - 375 annually

Wages

Lane County average hourly - \$15.77; average annual - \$32,791 Oregon average hourly - \$16.42; average annual - \$34,162

Program Accreditation Medical Office Assistant, accredited by the Commission on Accreditation of Allied Health Education Programs, a specialized accrediting board recognized by the Council for Higher Education Accreditation, on recommendation of the Medical Assisting Education Review Board of the American Association of Medical Assistants Endowment. Commission on Accreditation of Allied Health Education Programs, 1361 Park Street, Clearwater, FL 33756, 727.210.2350.

Licensing or Other Certification Exams Required The eligible graduate is qualified to take the national certification examination administered by the American Association of Medical Assistants (AAMA), to become a Certified Medical Assistant. For detailed information, contact the AAMA, aama-ntl.org.

Costs (Estimates based on 2014-15 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$3,858
Certification, Licensure, Exams, Physicals	\$125
Differential Fees*	\$500
Resident Tuition and General Student Fees	\$6,072

Total Estimated Cost \$10,555

Gainful Employment Disclosure

31-9092.00

Standard Occupational Classification: 31-9092.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Medical Assistants *onetonline.org/link/summary/31-9092.00* Or check on these O*Net Related Occupations: Nursing Assistants *onetonline.org/link/summary/31-1014.00*

In academic year 2014-15, 21 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 5% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$10,500.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- WR 115W must be completed with a Pass or 'C-' or better to satisfy program requirements.
- To meet AGS degree requirements, take Arts and Letters for 4 credits if CG 103 was completed as prerequisite for MOA program admission; take Human Relations for 4 credits if COMM 218 was completed as prerequisite.
- HO 100, MTH 052 and all courses with BT, HIT, HO, or MA prefixes must be completed with a letter grade of 'C-' or better to satisfy program requirements.
- To register for any MA or HIT classes, a student must be accepted into the program. Other first and second term courses may be taken prior to program entry.
- These courses may be taken any term: BT 120, BT 165, HO 110, HO 114, HO 220.

Prerequisites

Choice of: CG 203 Human Relations at Work COMM 218 In sonal Communication	3-4 3-4 3 3-4 4
Choice of: BT120 MS Word for Business CS120 Concepts of Computing Information Processing HO 110 Health Office Procedures HO 150 Human Body Systems 1 MA 110 Clinical Assistant 1 PSY 201 General Psychology	4 3 3 3 4
BT 165 Introduction to the Accounting Cycle	Winter 4 3 3 3 2 3 3 3
MA 130 Clinical Assistant 3	Spring 3 5 3 3 3

^{*}This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Multimedia Design

Offered by Art and Applied Design, 541.463.5409

Associate of Applied Science Degree

One-Year Certificate of Completion - Multimedia Design

One-Year Certificate of Completion - Web Design

Program Coordinator Contact Arts Division, Bldg. 11, Room 101

Purpose To prepare graduates for entry-level positions in media arts industries and careers in multimedia design and production.

Learning Outcomes The student who successfully completes all Multimedia Design requirements will:

- become proficient in developing and applying effective visual design and production strategies for creating multimedia, film/ video, animation, games, web sites, and photography for business, education, and entertainment industries.
- produce, manipulate, and process digital content using computer software applications.
- design digital projects incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- have additional skills in one or more elective areas: software, design, or media production.
- understand the concepts, potential and implications of communicating ideas using multimedia technologies.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.

Cooperative Education (Co-op) Opportunities to work directly in media industries as interns are provided by the Co-op program. Through Co-op, students connect classroom learning with field experience, gain skills, and make contacts for the future. Second-year students will work with professional production teams to gain experience producing a variety of interactive multimedia products. Contact Teresa Hughes, Multimedia Design Co-op Coordinator, Bldg. 17, Rm. 106, 541.463.3179, hughest@lanecc.edu.

Job Openings Projected through 2020

Lane County Openings- 4 annually

Statewide openings - 37 annually

Wages

Lane County average hourly - \$36.24; average annual - \$64,969 Oregon average hourly - \$36.59; average annual - \$76,115

Costs (Estimate based on 2013-14 tuition and fees. Consult Lane's website for updated tuition.) Multimedia Design courses fees and other course fees may change during the year - see the online credit class schedule for fees assigned to courses.

Books	\$1,700
Resident Tuition and General Student Fees	\$9,006

Total Estimated Cost \$10,706

Course Requirements

- Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, MTH 60, CG 203, Science, and Health/PE.
- All major courses must be taken for a letter grade, not P/NP.
- Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher: FA 250, MUL 105, AUD 120, ART 216, VP 151, MUL 212, VP 152, MUL 210, FA 261, and MDP 246. All remaining major courses must be passed with a C- or higher.
- Students must earn a grade of 'B-' or better in all prerequisite (s) and 'C-' or better in major requirements.

First Year	Fall
MUL 101 Introduction to Media ArtsFA 250 Concepts of Visual Literacy	3 3
MUL 103 Time-Based Tools	4
MUL 105 Digital Photography	4
Choice of:	
Physical Education Activity requirement or	
Health Requirement or	3
	Winter
AUD 120 Audio Production	4
ART131 Introduction to Drawing	3
ART 216 Digital Design Tools	4
ART 115 Basic Design: Fundamentals	3
MUL 218 Business Practices for Media Arts	3
	Spring
FA 221 Computer Animation	4
ART 245 Drawing for Media MUL 212 Digital Imaging	4 4
Choice of:	4
WR 121 Academic Composition or	
WR121_H Academic Composition: Honors	4
Second Year	Fall
Directed Elective	3-4
FA 261 Writing for Interactive Design	3
ART 289 Web Production	3
VP 151 Video Production 1: Camera	3
MUL 210 Multimedia Design	3
	Winter
CG 203 Human Relations at Work	3
Science, Math, Computer Science Requirement MDP 246 Multimedia Production 1	4 4
MDP 280 Co-op Ed: Multimedia	3
VP 152 Video Production 2: Editing	3
· ·	Spring
Directed Elective	3-4
MTH 60 Beginning Algebra or Higher Math or higher.	4
MDP 247 Multimedia Production 2	4
MDP 280 Co-op Ed: Multimedia	3
Directed Electives Software	
CIS 125G Software Tools 1: Game Development	
CIS 195 Web Authoring 1	
CIS 125 W Software Tools 1: Web CS 120 Concepts of Computing	
CS 133 JS Beginning Programming: Java Script	
CS 161C+ Computer Science1	
CS295N Web Development 1: ASP.NET	
CS 295P Web Development 1: PHP	3-4
Directed Electives Design	
ART 119Typography	
ART 116 Basic Design: Color	
ART 225 Digital Illustration	
ART 231 Intermediate Drawing ART 234 Figure Drawing	
ART 290 Design Concepts for the Web	3
Directed Electives Media	Ü
ARH220 Documentary Photography ART 261 Photography	
FA 222 Computer Animation 2	
FA 254 Fundamentals of Lighting	
FA 255 Understanding Movies: American Cinema	
FA 256 Lighting for Photography	
J134 Photojournalism	
J234 Photojournalism 2 MDP 248 Multimedia Production 3	
MIII 209 Motion Capture for Animation	

MUL 208 Motion Capture for Animation

MUS 119 Music Technology MIDI/Audio 2.....

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Multimedia Design

Offered by Art and Applied Design, 541.463.5409

One-Year Certificate of Completion

Program Coordinator Contact Arts Division, Bldg. 11, Rm. 101

PurposeTo prepare students for entry-level positions in the media industry and careers in multimedia design and production.

Learning Outcomes The student who successfully completes all Multimedia Design requirements will:

- understand the concepts, potential, and implications of communicating ideas using computer-based media technology.
- become proficient in developing and applying effective visual design strategies for creating interactive multimedia, animation, games, web sites, and photography for business, education, and entertainment industries.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.
- design digital projects incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- produce, manipulate, and process digital content using computer software applications.

Job Openings Projected through 2020

Lane County Openings- 4 annually Statewide openings - 37 annually

Wages

Lane County average hourly - \$31.24; average annual - \$64,969 Oregon average hourly - \$36.59; average annual - \$76,115

Costs (Estimates based on 2013-14 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$1,700
Resident Tuition and General Student Fees	\$6,983
_	

Total Estimated Cost \$8,683

Gainful Employment Disclosure

27-1014.00

Standard Occupational Classification: 27-1014.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Multimedia Artists and Animators *onetonline.org/link/summary/24-1014.00*

In academic year 2014-15, 8 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, WR 121_H, MTH 60, and CG 203.
- All major courses must be taken for a letter grade, not P/NP.
- Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher: CIS 195, ART 216, ART 289, and MUL 212. All remaining major courses must be passed with a C- or higher.

	Fall
Choice of:	
WR 121 Academic Composition or	4
WR121_H Academic Composition: Honors MUL 105 Digital Photography	4
FA 250 Concepts of Visual Literacy	3
MUL 103 Time-Based Tools	4
MUL 101 Introduction to Media Arts	3
MOE TOT INCOGRACION TO MOGRA / THE IMMINISTRATION	Winter
AUD 120 Audio Production	4
ART 115 Basic Design: Fundamentals	3
ART 245 Drawing for Media	4
Choice of:	
Physical Education Activity Requirement	_
Health Requirement	3
ART 216 Digital Design Tools	4
	Spring
FA 221 Computer Animation	4
MTH 060 Beginning Algebra or higher	4
CG 203 Human Relations at Work	3
VP 151 Video Production 1: Camera	3
Science, Math, Computer Science course	3-4

Web Design

Offered by Art and Applied Design, 541.463.5409

One-Year Certificate of Completion

Program Coordinator Contact the Arts Division, Bldg. 11, Rm 101.

Purpose The Web Design certificate is for students considering entry-level positions in web design and production, new media design, or positions with a focus on designing for the web, and online content.

Learning Outcomes The student who successfully completes all Web Design requirements will:

- learn to use appropriate library and information resources to research media topics and issues, concepts and tools, and support lifelong technical and aesthetic learning.
- manipulate variables using computer software applications.
- understand the concept, potential and implications of communicating ideas using computer-based interactive media technology.
- understand the concepts of media and its effect on society, and how to use media ethically.
- become proficient in developing and applying effective visual design strategies for creating web sites, interactive multimedia, animation, games, and computer-based training for deliver over the Internet, DVD's and CD-Rom. Develop additional skills in one or more elective areas: software, design, or media.
- develop proficiency in multiple forms of media design which includes writing for the web, graphic and web design, online content, working with visual imagery, video, sound and animation.

Job Openings Projected through 2020

Lane County: 4 Statewide: 43

Wages

Lane County hourly average - \$35.18; annual average - \$73,172 Oregon hourly average - \$31.18; annual average - \$64,849

Costs

Books	
Total Estimated Cost	\$7,873

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

15-1199.03

Standard Occupational Classification: 15-1199.03 Go to the Department of Labor's O*Net website for a profile of this occupation: Web Administrators onetonline.org/link/summary/15-1199.03

In academic year 2014-15, 1 student completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- Foundational Skills and Discipline Studies courses can be taken pass/no pass or for a letter grade of C- or better.
- All program core courses must be taken for a letter grade and passed with a minimum grade of C-.
- All program core courses that serve as a prerequisite in a sequence must be taken for a grade of B- or higher (with the exception of WR 121.) See course description for prerequisites.

	ı an
ART 115 Basic Design: Fundamentals	3
CIS 195 Web Authoring 1	3
ART 216 Digital Design Tools	4
MTH 60 Beginning Algebra or higher	4
	Winter
ART 245 Drawing for Media	4
ART 289 Web Production	3
CS 133 JS Beginning Programming: Java Script	4
MUL 212 Digital Imaging	4
	Spring
ART 290 Design Concepts for the Web	3
MUL 218 Business Practices for Media Arts	3
WR 121 Academic Composition or	
WR 121_H Academic Composition: Honors	4
MUL 280 Co-op Ed: Web Design	3
CG 203 Human Relations at Work	3

Music Technology and Production

Offered by Music, Dance, and Theatre Arts 541.463.3108

Associate of Applied Science Degree

Career Pathway Certificate - MIDI and Audio Production

Career Pathway Certificate - MIDI Production

Program Coordinator Matthew Svoboda 541.463.5736 Building 6, Room 138; Hisao Watanabe 541.463.5019, Building 6, Room 142; Seth Mulvihill 541.463.5184, Building 6, Room 137

Purpose The music technology associate of applied science degree is designed to meet the training and experience needs of new college students, current industry professionals and artists who work with recording equipment, recording studios, and music technology equipment. The program also includes a robust emphasis on musicianship, including one year of music theory, lessons and performance experience. This AAS degree covers essential skills used in the audio world and provides hands on experience with state of the art hardware and

software. The experience and skills will allow graduates to more easily attain positions in the industry or assist them in starting their own small businesses. The foundation of musicianship and music theory will also allow motivated graduates to further their studies at a number of universities and colleges that offer music technology or electronic music undergraduate degrees, such as University of Oregon and Northwest Christian University.

Learning Outcomes The student who successfully completes all Music Technology and Production requirements will:

- demonstrate proficiency using software and hardware for recording, editing and processing music and audio for commercial and artistic purposes.
- identify and use a variety of microphones, preamplifiers, and other outboard signal processors. Demonstrate skill in microphone selection and placement.
- analyze audio recordings in terms of frequency, stereo field, phase cancellation, and dynamic range.
- demonstrate knowledge of MIDI basics including: MIDI networks and MIDI sequencers.
- demonstrate understanding of technical vocabulary associated with audio engineering.
- demonstrate understanding of technical vocabulary associated with MIDI and MIDI software.
- engineer and produce recording sessions for many instruments and styles.
- do creative work under pressures of deadlines and scheduling time with clients.
- create high quality audio mixes for a variety of commercial and creative purposes.
- demonstrate proficiency in keyboards and/or other instrument(s).
- demonstrate knowledge and practical use of various studio file formats (AIFF, MP3).

Advising and Counseling Judith Gates 541.463.3200

Job Openings Projected through 2020

Sound Engineering Technicians

Portland Metro 104 openings

Oregon statewide openings annually 4

Music Directors and Composers

Lane County openings 3

Oregon statewide openings annually 33

Media and Communications Workers

Lane County openings 0

Office and Administrative Support Workers

Lane County openings 29

Wages

Sound Engineering Technicians

Lane County average hourly wage \$28.44

Music Directors and Composers

Lane County average hourly wage \$18.86

Media and Communications Workers

Lane County average hourly wage \$18.51

Office and Administrative Support Workers

Lane County average hourly wage \$16.69

Costs

Books	\$1,000
Program Specific Fees	\$400
Resident Tuition and General Student Fees	\$9,743

Total Estimated Cost \$11,143

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Music Theory Placement exam required to get into MUS 111. Contact music office 541.463.3108 for exam information.
- MUS 107, MUS 109, MUS 111, MUS 112, MUS 114, MUS 127 must be passed with a letter grade of C- or better to advance to the next course in the sequence.

the next course in the sequence.	
First Year	Fall
Choose a group class from the following:	
MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir MUS 297 Concert Choir	0
Science	2
WR 115 Introduction to College Writing	4
MUP 100 Individual Lessons	1
MUS 101 Music Fundamentals	3
MUS 131 Group Piano	2
	Winter
MUS 118 Music Technology MIDI/Audio 1	4
Choose a group class from the following:	
MUS 102 Jazz fundamentals	
MUS 103 Songwriting 1 MUS 264 History of Rock Music 1	
MUS 265 History of Rock Music 2	
MUS 266 History of Rock Music 3	
AUD 120 Audio Production	3-4
MTH 060 Beginning Algebra or higher	4
Choose an ensemble course from the following:	
MUS 295 Syphonic Band MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir	
MUS 297 Concert Choir	2
Choose a group class from the following:	
MUS 137 Group Guitar 1	
MUS 138 Group Guitar 2 MUS 134 Group Voice	2
MUP 100 Individual Lessons	2 1
Wol 100 marviadal Ecosofic	Spring
MUS 119 MusicTechnology MIDI/Audio 2	4
MUP 100 Individual Lessons	1
PE or Dance	1
Human Relations	4
Choose an ensemble course from the following:	
MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble MUS 291 Chamber Choir	
MUS 297 Concert Choir	2
Choose an elective course from the following:	_
MUS 102 Jazz Fundamentals	
MUS 103 Songwriting 1	
MUS 264 History of Rock Music 1 MUS 265 History of Rock Music 2	
MUS 266 History of Rock Music 3	
AUD 120 Audio Production	3-4
Second Year	Fall
MUS 107 Audio Engineering 1	3
MUS 111 MusicTheory 1 (FirstTerm)	4
MUS 114 Sight-reading and EarTraining (FirstTerm)	2
MUS 127 Keyboard Skills 1 (FirstTerm)	2
PE or Dance	1
Choose an ensemble course from the following: MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir	
MUS 297 Concert Choir	2
Choose an elective course from the following:	
MUP 100 Individual Lessons MUS 137 Group Guitar	
MUS 134 Group Guitar MUS 134 Group Voice	
MUS 138 Group Guitar 2	
MUS 103 Songwriting 1	

MUS 102 Jazz Fundamentals	
MUS 161 Jazz Improvisation: Instrument MUS 264 History of Rock Music 1	
MUS 265 History of Rock Music 2	
MUS 266 History of Rock Music 3	
AUD 120 Audio Production	1-4
	Winter
MUS 109 Audio Engineering 2	4
MUS 112 Music Theory 1 (Second Term)	4
MUS 115 Sight-reading and EarTraining (Second Term)	2
MUS 128 Keyboard Skills 1 (Second Term)	2
Choose an ensemble course from the following:	
MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir	
MUS 297 Concert Choir	2
Choose an elective course from the following:	
MUP 100 Individual Lessons	
MUS 134 Group Guitar	
MUS 134 Group Voice MUS 103 Songwriting 1	
MUS 102 Jazz Fundamentals	
MUS 161 Jazz Improvisation: Instrument	
MUS 264 History of Rock Music 1	
MUS 265 History of Rock Music 2	
MUS 266 History of Rock Music 3	
AUD 120 Audio Production	1-4
	Spring
MUS 110 Audio Engineering 3	4
MUS 113 Music Theory 1 (Third Term)	4
PE or Dance	1
Choose an ensemble course from the following:	
MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir	
MUS 297 Concert Choir	2
Choose an elective course from the following: MUS 137 Group Guitar	
MUS 134 Gour Voice	
MUS 138 Group Guitar 2	
MUS 103 Songwriting 1	
MUS 102 Jazz Fundamentals	
MUS 161 Jazz Improvisation: Instrument	
MUS 264 History of Rock Music 1	
MUS 265 History of Rock Music 2	
MUS 266 History of Rock Music 3	
AUD 120 Audio Production	2-4
Choose an elective course from the following:	
MUS 137 Group Guitar 1 MUS 138 Group Guitar 2	
MUS 134 Group Guitar 2	
MUS 161 MUS 161 Jazz Improvisation: Instrument	2
The state of the s	_
MIDI and Audio Production	

Offered by Music, Dance and Theatre

Career Pathway Certificate

Program Coordinator Matthew Svoboda 541.463.5736 Building 6, Room 138; Hisao Watanabe 541.463.5019, Building 6, Rm 142; Seth Mulvihill 541.463.5184, Building 6, Room 137

Purpose Builds upon MIDI Production foundations with training in audio recording and editing software, hardware and techniques, including advanced audio production concepts such as creating audio for video, microphone techniques,

Learning Outcomes The student who successfully completes all MIDI and Audio Production requirements will:

• demonstrate proficiency using software and hardware for recording, editing and processing music and audio for commercial and artistic purposes.

- identify and use a variety of microphones, preamplifiers, and other outboard signal processors. Demonstrate skill in microphone selection and placement.
- demonstrate understanding of technical vocabulary associated with MIDI and MIDI software.
- demonstrate understanding of technical vocabulary associated with audio engineering.
- demonstrate knowledge of MIDI basics including: MIDI networks, MIDI synthesizers, and MIDI sequencers.
- engineer and produce recording sessions for many instruments and styles.
- create high quality audio mixes for a variety commercial and creative purposes.
- demonstrate proficiency in keyboards and/or another instrument.
- demonstrate knowledge and practical use of various studio file formats (AIFF, MP3).

Advising and Counseling Judith Gates 541.463.3420

Job Openings Projected through 2020

Sound Engineering Technicians

Portland Metro 104 openings

Oregon statewide openings annually 4

Music Directors and Composers

Lane County openings 3

Oregon statewide openings annually 33

Media and Communications Workers

Lane County openings 0

Office and Administrative Support Workers

Lane County openings 29

Wages

Sound Engineering Technicians

Lane County average hourly wage \$28.44

Music Directors and Composers

Lane County average hourly wage \$18.86

Media and Communications Workers

Lane County average hourly wage \$18.51

Office and Administrative Support Workers

Lane County average hourly wage \$16.69

Costs

Books	\$600 \$400
Resident Tuition and General Student Fees	\$4,383
Total Estimated Cost	\$5,383

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Music Theory Placement exam required to get into MUS 111.
 Contact music office 541.463.3108 for exam information.
- MUS 107, MUS 109 must be passed with a letter grade of C- or better to advance to the next course in the sequence.

	Fall
MUS 101 Music Fundamentals	3
MUS 131 Group Piano	2
MUS 118 Music Technology MIDI/Audio 1	4
MUS 107 Audio Engineering 1	3
MUS 111 MusicTheory 1 (FirstTerm)	4
MUS 114 Sight-reading and EarTraining (FirstTerm)	2
MUS 127 Keyboard Skills 1 (FirstTerm)	2

	Winter
MUS 119 Music Technology MIDI/Audio 2	4
MUS 109 Audio Engineering 2	4
MUP 100 Individual Lessons	1
	Spring
AUD 120 Audio Production	4
MUS 110 Audio Engineering 3	4
Choose a course from the following:	
MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir	
MUS 297 Concert Choir	2

MIDI Production

Offered by Music, Dance, and Theatre Arts

Career Pathway Certificate

Program Coordinator Matthew Svoboda 541.463.5736 Building 6, Room 138; Hisao Watanabe 541.463.5019, Building 6, Room 142; Seth Mulvihill 541.463.5184, Building 6, Room 137

Purpose Develops familiarity with MIDI software, MIDI hardware, and foundations of music production including basic audio production concepts such as file management, mixing, and basic recording

Learning Outcomes The student who successfully completes all MIDI Production requirements will:

- demonstrate proficiency using software and hardware for recording, editing and processing MIDI data for commercial and artistic purposes.
- demonstrate knowledge of MIDI basics including: MIDI networks and MIDI sequencers.
- be able to use a variety of synthesizers, virtual instruments, and keyboards with MIDI software.
- demonstrate understanding of technical vocabulary associated with MIDI and MIDI software.
- show at least basic proficiency in keyboards and/or another instrument.
- use basic keyboard skills and music theory knowledge to create MIDI projects and mixes.
- demonstrate knowledge and practical use of various studio file formats (AIFF, MP3).

Advising and Counseling Judith Gates 541.463.3420

Job Openings Projected through 2020

Sound Engineering Technicians

Portland Metro 104 openings

Oregon statewide openings annually 4

Music Directors and Composers

Lane County openings 3

Oregon statewide openings annually 33

Media and Communications Workers

Lane County openings 0

Office and Administrative Support Workers

Lane County openings 29

Wages

Sound Engineering Technicians

Lane County average hourly wage \$28.44

Music Directors and Composers

Lane County average hourly wage \$18.86

Media and Communications Workers

Lane County average hourly wage \$18.51

Office and Administrative Support Workers

Lane County average hourly wage \$16.69

Costs	
Books	\$300
Program Specific Fees	\$400
Resident Tuition and General Student Fees	\$2,200
Total Estimated Cost	\$2,900

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

	Fall
MUS 101 Music Fundamentals	3
MUS 131 Group Piano	2
	Winter
MUS 118 MusicTechnology MIDI/Audio 1	4
MUP 100 Individual Lessons	1
	Spring
MUS 119 Music Technology MIDI/Audio 2	4
AUD 120 Audio Production	4
Choose a course from the following:	
MUS 295 Syphonic Band	
MUS 294 Jazz Ensemble	
MUS 291 Chamber Choir	
MUS 297 Concert Choir	2

Nursing

Offered by the Health Professions Division 541.463.5617

Associate of Applied Science Degree

One-Year Certificate of Completion - Practical Nursing

No Degree or Certificate - Practical Nursing Bridge

Program Coordinator Associate Dean for Health Professions, Bldg 30, Rm. 226. 541.463.5754

Purpose To prepare the graduate to practice as an associate degree registered nurse, to be eligible to take the National Council Licensure Examination (NCLEX)-RN. Acceptance to the program allows for co-admission to Lane Community College and Oregon Health Sciences University nursing programs.

Learning Outcomes Nursing care competencies recognize that a competent nurse provides safe care across the lifespan directed toward the goals of helping clients (individuals, families or communities) promote health, recover from acute illness and/or manage a chronic illness and support a peaceful and comfortable death. As a member of the Oregon Consortium for Nursing Education the Lane Nursing curriculum supports the following nursing competencies.

- bases personal and professional actions on a set of shared core nursing values.
- develops insight through reflection, self-analysis and self-care.
- engages in intentional learning.
- · demonstrates leadership in nursing and healthcare.
- · collaborates as part of a health care team.
- utilizes and contributes to the broader health care system.
- · practices relationship-centered care.
- communicates effectively.
- makes sound clinical judgments.
- · uses the best available evidence.

Accreditation Nursing, Oregon State Board of Nursing (OSBN) 27938 SW Upper Boones Ferry Rd, Portland, OR, 971.673.0685, oregon.gov/OSBN. Lane is a member of the Oregon Consortium for Nursing Education (OCNE) and offers a competency-based curriculum jointly developed by nursing faculties from nine community colleges and OHSU consortium partners.

Licensing and Certification Successful graduates will be awarded an Associate Degree in Nursing and be eligible to take the National Council Licensure Examination-RN (NCLEX_ RN) which confers licensure as a registered nurse.

Admission Information

Program website:

- lanecc.edu/hp/nursing
- lanecc.edu/hp/nursing/registered-nursing-application -information
- Oregon residency required.

Information on criminal background checks and disqualifying crimes can be found at the Oregon Board of Nursing at: oregon .gov/OSBN/pages/criminal history.aspx

Advising and Counseling For assistance with meeting application or program requirements contact Counseling and Advising in Building 1, Room 103 or E-mail *NursingProgram@lanecc.edu* with your specific questions. A free online Academic Advising resource can be found by going to classes.lanecc.edu. Scroll down and select "Academic Advising." Then choose "Nursing." Log in as a Guest.

Cooperative Education (Co-op) Co-op internships may be taken as an optional elective any of the last four terms of the program. Contact Associate Dean of Health Profession, (Cooperative Education Coordinator for Nursing), Bldg. 30, Rm. 226, 541.463.5754.

Job Openings Projected through 2020

Lane County openings - 133 annually Statewide openings 1,284 annually

Wages

Lane County average hourly - \$39.49 average annual - \$82,139 Oregon average hourly - \$40.87 average annual - \$85, 021

Costs (Estimate based on 2016-17 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$1,400
Certification, Licensure, Exams, Physicals	\$248
Computers/Internet Service	\$1,300
Differential Fees*	\$11,710
Program Specific Fees	\$3,213
Resident Tuition and General Student Fees	\$8,786
=	

Total Estimated Cost \$26,657

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All courses except Clinical Labs, Cooperative Education, and Biology with Genetics must be passed with a letter grade of 'C' or better. C- or less not accepted.
- WR 121 and 122 (prerequisite to program entry) are waived with completion of previous U.S. Bachelors Degree or higher from U.S. regionally accredited institution.
- PSY 236 is not offered at Lane, but is available at other colleges in the OCNE consortium.
- Students must be enrolled in the Nursing Program to register for any NRS classes.
- BI 233 and BI 234 course must have been completed within 7 years prior to start the nursing program
- WR 123 and 227 are waived if WR 121 and WR 122 are taken as 4 credit courses.
- Courses: See Prerequisite Courses for Program Admission.
- Other immunizations, drug testing, criminal background check required. Information relating to criminal background checks and disqualifying crimes can be found at the Oregon Board of Nursing: oregon.gov/OSBN/pages/criminal_history.aspx

Prerequisites

BI 232 Human Anatomy and Physiology 2	4
BI 231 Human Anatomy and Physiology 1	4
BI 233 Human Anatomy and Physiology 3	4
N 225 Nutrition	4

	_
PSY 215 Lifespan Developmental Psychology	4
MTH 095 Intermediate Algebra	5
WR121 Academic Composition Honors	
WR121_H Academic Composition Honors	4
Choice of:	
WR122 Composition: Argument, Style and Research-Honors	
WR122_H Composition: Argument, Style and	
Research-Honors	4
Arts and Letters, Social or Natural Science electives (requ	ired for
BS, not for AAS)	6
Arts and Letters, Social or Natural Science electives (requ BS, not for AAS)	irea for
Arts and Letters, Social or Natural Science electives (requ	
BS, not for AAS)	6
BI 234 Introductory Microbiology	
College level 100 or 200 level non-studio Arts and Letters, Relations, Social Science or Science Electives. You may ta	
course from the following: Anthropology, Career Guidanc	
Economics, Ethnic Studies, Geographic Information Scien	
Geography, History, Philosophy, Human Development (HI Human Services (HS), Political Science, Psychology, Religi	
Sociology, Women's Studies; CJA 214, HUM 100, SLD 103,	
SLD 121	3-6
First Year	Fall
NRS 110A Foundations of Nursing-Health Promotion	4
NRS 110B Foundations of Nursing-Health Promotion	_
Clinical Lab	5
NIDO 444 F. L. C. CALL C.	Winter
NRS 111A Foundations of Nursing in Chronic Illness 1 NRS 111B Foundations of Nursing in Chronic Illness 1-	2
Clinical Lab	4
NRS 230 Clinical Pharmacology 1	3
NRS 232 Pathophysiological Processes 1	3
Choice of: WR123 Composition: Research Writing	
WR227 Technical Writing 4CR	
(only required if WR 121 and/or WR 122 was taken	
for 3 instead of 4 credits)	4
	Spring
NRS 112A Foundations of Nursing in Acute Care 1 NRS 112B Foundations of Nursing in Acute Care 1	2
Clinical Lab	4
NRS 231 Clinical Pharmacology 2	3
NRS 233 Pathophysiological Process 2	3
NRS 280 Co-op Ed: Nursing	2-3
Biology with Genetics: Choose one of the following:	
BI 112 (4 credits)	
BI 112 (3 credits) + BI 233	
BI 112 (3 credits) + BI 102G BI 101F + BI 233	
BI 211 + BI 233	
BI 101K + BI 233	
BI 101K + BI 102G	3-4
Second Year	Fall
NRS 221A Foundations of Nursing in Chronic Illness 2	4
and End-of-LifeNRS 221B Foundations of Nursing in Chronic Illness 2	4
and End-of-Life Clinical Lab	5
NRS 280 Co-op Ed: Nursing	2-3
Arts and Letters, Social or Natural Science electives	6
(required for BS, not for AAS)	6 Winter
NRS 222A Foundations of Nursing in Acute Care 2 and	vviriter
End-of-Life	4
NRS 222B Foundations of Nursing in Acute Care 2 and	
End-of-Life Clinical Lab	5
Arts and Letters, Social or Natural Science electives (required for BS, not for AAS)	6
End-of-Life	5

	Spring
Arts and Letters, Social or Natural Science electives	
(required for BS, not for AAS)	6
Electives as required to complete 90 credits for AAS	16
NRS 224A Integrative Practicum 1	2
NRS 224B Integrative Practicum 1 Lab	7
Additional Electives	
NRS 280 Co-op Ed: Nursing	2-3

Practical Nursing

Offered by the Health Professions Division 541.463.5617

One-Year Certificate of Completion

Program Coordinator Associate Dean of Health Professions, 541.463.5754

Purpose Completion of this program gives the student a certificate in Practical Nursing (PN) which meets the educational requirements for the national exam for PN licensure (NCLEX-PN).

Learning Outcomes Completion of this program gives the student a certificate in Practical Nursing (PN) which meets the educational requirements for the national exam for PN licensure (NCLEX-PN).

- identify issues and care for clients in multiple healthcare settings.
- demonstrate understanding of how to develop a nursing care plan and identify the difference between the LPN and RN roles in developing and implementing the plan.
- pathophysiology, medical management and nursing intervention in caring for clients with all conditions to include acute, chronic, obstetrics, psychiatric and terminal illnesses.
- understand the principles of pharmacodynamics and pharmacokinetics.

Accreditation Practical Nursing, accredited by the Oregon State Board of Nursing (OSBN), 17938 SW Upper Boones Ferry Rd., Portland, OR 97163-0685, oregon.gov/OSBN.

Licensing and Certification Completion of this program gives a student a Certificate in Practical Nursing, which meets the educational requirements for the National Exam for PN licensure (NCLEX-PN).

Admission Information

- Program website: lanecc.edu/hp/nursing
- Applicationwebsite: lanecc.edu/hp/nursing/licensed-practical -nursing-application-information
- Drug testing, criminal back-ground check and immunizations required. Consult lanecc.edu/hp/nursing/licensed-practical-nursing
- Information on criminal background checks and disqualifying crimes can be found at the Oregon Board of Nursing at: arcweb.sos.state.or.us/pages/rules/oars_800/oar_851/851_045.html

Advising and Counseling For assistance with meeting application or program requirements contact Counseling and Advising in Building 1, Room 103 or E-mail NursingProgram@lanecc. edu with your specific questions. A free online Academic Advising resource can be found by going to classes.lanecc.edu. Scroll down and select "Academic Advising". Then choose "Practical Nursing".

Job Openings Projected through 2020

Lane County - 10 annually

Oregon - 119 annually

Wages

Lane County average hourly - \$22.76 average annual - \$47,336 Oregon average hourly - \$23.97 average annual - \$49,871

Costs (Estimates based on 2016-17 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Books	\$600
Certification, Licensure, Exams, Physicals	\$248
Computers/Internet Service	\$850
Differential Fees*	\$3,472
Program Specific Fees	\$2,017
Resident Tuition and General Student Fees	\$5,188

Total Estimated Cost \$12,375

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

29-2061.00

Standard Occupational Classification: 29-2061.00 Go to the Department of Labor's O*Net website for a profile of this occupation: Licensed Practical and Licensed Vocational Nurses *one-tonline.org/link/summary/29-2061.00*. Or check on these O*Net Related Occupations: Psychiatric Aides *onetonline.org/link/summary/31-1013.00*

In academic year 2014-15, 13 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Of students who completed this certificate in the 2014-15 academic year, 15% completed on time. Note: The federally required method for calculating this rate assumes students will declare their completion program major immediately, enroll full-time each term, and remain enrolled at Lane continuously until they complete their program. In reality, many community college students attend part-time, explore several majors, stop out for a term or more, change majors, and brush-up on their academic skills to be better prepared for college level courses, all of which affect this narrowly defined on-time graduation rate.

The median loan debt incurred by students who completed the program in 2014-15 = \$20,000.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- PN 101, PN 102, and PN 103 must be completed with a letter grade and passed with 'C' or better. Human Relations course must be completed with a letter grade.
- The most recent BI 233 course must have been completed within 7 years prior to starting the PN Program.

Prerequisites

BI 231 Human Anatomy and Physiology 1	4
BI 232 Human Anatomy and Physiology 2	4
BI 233 Human Anatomy and Physiology 3	4
PSY 215 Lifespan Developmental Psychology	4
Human Relations Requirement	4
HO 100 Medical Terminology 1	3
MATH: Choice of MTH 052, MTH 065, MTH 095, MTH 105 or hig	jher.
Or Credit by Exam for one of the above math classes or tran-	
scripted credits: AP (Calculus), or CLEP (College Algebra, or any	y
Calculus, or Statistics), or IB (Mathematics, or Math Studies, or	
Further Mathematics, or Statistics)	
Current Certified Nursing Assistant (CNA)	

Current Certified Nursing Assistant (CNA)	
	Winter
PN 101 Practical Nursing 1	12
WR121 Academic Composition WR121_H Academic Composition Honors	4

	Spring
PN 102 Practical Nursing 2	12
Choice of:	
WR122 Composition: Style and Argument	
WR122_H Composition: Style and Argument	4
s	ummer
PN 103 Practical Nursing 3	13

Practical Nursing Bridge

Offered by the Health Professions 541.463.5617

No Degree or Certificate

Program Coordinator Associate Dean of Health Professions. 541.463.5754

Purpose Completion of this program gives the student the opportunity to apply for transfer into the fourth term of the Associate Degree of Nursing Program at any school in the Oregon Consortium for Nursing Education. Transfer is not guaranteed.

Learning Outcomes The student who successfully completes all Practical Nursing Bridge requirements will:

- reflect on own practice using the 10 OCNE competencies, rubrics and benchmarks.
- develop evidenced based plans of care that are family centered, developmentally and culturally appropriate.
- identify potential legal and ethical issues related to patient decision-making and informed consent in acute care settings.
- identify roles of health care team members involved in patient care and delegation needs for patient care with experienced nurses.
- describe similarities and differences between the role of the LPN and RN including scope of practice.
- pathophysiology, medical management and nursing intervention in caring for clients with all conditions to include acute, chronic, obstetrics, psychiatric and terminal illness.
- understand the principles of pharmacodynamics and pharmacokinetics.

Licensing and Certification Completion of this program gives the student the opportunity to apply for transfer into the fourth term of the Associate Degree of Nursing Program at any school in the Oregon Consortium for Nursing Education. Transfer is not guaranteed.

Admission Information

- Program website: lanecc.edu/hp/nursing
- Drug testing, criminal background check and immunizations required. Consult lanecc.edu/hp/nursing/registered-nursing-faq
- Information on criminal background checks and disqualifying crimes can be found at the Oregon Board of Nursing at: oregon.gov/OSBN/pages/criminal_history.aspx

Advising and Counseling For assistance with meeting application or program requirements contact Counseling and Advising in Building 1, Room 103 or E-mail NursingProgram@lanecc. edu with your specific questions. A free online Academic Advising resource can be found by going to classes.lanecc.edu. Scroll down and select "Academic Advising". Then choose "Nursing". Log in as a Guest.

Job Openings Projected through 2020

N/A

Wages

N/A

Costs (Estimate based on 2016-17 fultion and fees.	Consul
Lane's website for updated tuition.)	
Books	\$280
Program Specific Fees	\$1.078

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses.
- All courses except Clinical Labs, Cooperative Education, and Biology with Genetics must be passed with a letter grade of 'C' or better. C- or less not accepted.
- WR 121 and 122 (prerequisite to program entry) are waived with completion of previous U.S. Bachelors Degree or higher from U.S. regionally accredited institution.
- PSY 236 is not offered at Lane, but is available at other colleges in the OCNE consortium.
- WR 123 and 227 are waived if WR 121 and WR 122 are taken as 4 credit courses.
- BI 233 and BI 234 course must have been completed within 7 years prior to start the nursing bridge program.
- Students must be enrolled in the Nursing Bridge Program to register for any NRS classes.

Prerequisites

BI 231 Human Anatomy and Physiology 1	4 4 4
FN 225 Nutrition	4 3-6
WR 121 Academic Composition	4
Composition	4
Minimum of 500 LPN practice hours	
BI 234 Introductory Microbiology	4
Biology with Genetics, for example BI 112, 211	4
/Letters, social science or human relations electives MTH095 Intermediate Algebra 5 Credit(s) Max or higher or Credit by Exam or transcripted credits: AP (Calculus), or CLEP (College Algebra, or any Calculus, or Statistics), or IB (Mathematics, or Math Studies, or Further Mathematics,	3-12
or Statistics)	4-5 4
Nursing	
NRS 230 Clinical Pharmacology 1	3 3 3 6

Paramedicine

Offered by the Health Professions Division, 541.463.5617

Associate of Applied Science Degree

One-Year Certificate of Completion - Emergency Medical Technician

Program Coordinator Tom Brokaw

PurposeTo produce competent, entry level EMT and Paramedics to serve in a career in EMS.

Learning Outcomes The student who successfully completes all Paramedicine requirements will:

- demonstrate personal behaviors consistent with public and employer expectations of professional EMS providers.
- demonstrate technical proficiency in the performance of EMT and/or paramedic skills.
- demonstrate technical proficiency with the operation of EMT and/or paramedic equipment.
- be able to understand, interpret, apply, evaluate and effectively

- communicate EMS and general medical knowledge necessary to function in a healthcare setting.
- be able to verbally communicate effectively.

Accreditation Paramedicine accredited by the Oregon Department of Education (ODE) or the Oregon State Board of Higher Education. The ODE uses the DHS/EMS administrative rules (OAR 333-265) and must meet the standards established by the ODE in OAR chapter 581, division 49. arcweb.sos.state.or.us/rules/OARS_500/OAR_581/581_049.html

Admission Information Students are encouraged to consult a program advisor or counselor before applying for admission. The application and information on the point allocation system and transfer students is available in the Counseling and Advising Center and on the EMT website, *lanecc.edu/hp/emt*.

Advising and Counseling For questions about credit coursework contact Counseling and Advising, Student Services Building, or email *EMTParamedicProgram@lanecc.edu*. For information on non-credit offerings in EMS visit the EMT website, *lanecc.edu/hp/emt*. For all EMT specific questions contact *ems@lanecc.edu*.

Cooperative Education (Co-op) Students earning the Paramedicine AAS two-year degree are required to take two Cooperative Education courses. Co-op courses provide opportunities for onthe-job experience to complete Paramedic training.

Job Openings Projected through 2020

Lane County openings - 8 annually
Statewide openings - 137 annually

Wages

Lane County average hourly for Paramedic/Fire Fighter - \$26.78; average annual - \$55,703

Costs Estimate based on 2015-16 tuition and fees. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition.

Books	\$2,016
Certification, Licensure, Exams, Physicals	\$1,853
Computers/Internet Service	\$1,450
Differential Fees*	\$1,887
Instruments/Tools	\$20
Program Specific Fees	\$3,970
Resident Tuition and General Student Fees	\$10,050
Uniforms	\$275

Total Estimated Cost \$21,521

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- EMT 271 and EMT 273 must be completed with a grade of 'Pass' or 'C-' or better.
- MTH 095, PSY 110, WR 121, HE 275, COMM 111, and Social Science/Human Relations requirement must be completed with a letter grade, not P/NP.
- All other courses must be completed with a letter grade, not P/ NP, and must be passed with a grade of 'C-' or better to satisfy program requirements.
- Choices for Social Science/Human Relations requirement are listed on the Associate of Applied Science degree page.
- Students pursuing a bachelor's degree need to complete a college level, transferable math course.
- Prerequisites are required for BI 231. See course descriptions.

First Year	Fall
BI 231 Human Anatomy and Physiology 1	4
EMT 151 Emergency Medical Technician Basic Part 1	5
EMT 152 Emergency Medical Technician Basic Part 2	5

EMT 175 Introduction to Emergency Services	4
	Winter
Choice of:	
WR121 Intro to Academic Composition WR121_H Intro to Academic Composition	4
BI 232 Human Anatomy and Physiology 2	4
EMT 196 Crisis Intervention	3
MTH 095 Intermediate Algebra or higher	5
	Spring
BI 233 Human Anatomy and Physiology 3	4
EMT 169 Emergency Services Rescue	4
EMT 170 Emergency Response Communication /Documentation	2
EMT 171 Emergency Response Patient Transportation	2
PSY 110 Exploring Psychology or higher	3
HO 100 Medical Terminology 1	3
Second Year	Fall
EMT 270 Paramedic Part 1	10
EMT 271 Emergency Medical Technology-	
Paramedic Clinical Part 1	1
Colvini 111 I unuamentais of I ubile Speaking of higher	Winter
EMT 272 Paramedic Part 2	10
EMT 273 Emergency Medical Technology-	10
Paramedic Clinical Part 2	3
HE 275 Lifetime Health and Fitness	3
	Spring
EMT 274 Emergency Medical Technology-	
Paramedic Part 3	4
EMT 275 Emergency Medical Technology- Paramedic Clinical Part 3	4
EMT 280P1 Co-op Ed: EMT Internship Part 1	3
Summer	Ü
EMT 280P2 Co-op Ed: EMT Internship Part 2	5
Livit 2001 2 00-0p Lu. Livit internatip i art 2	5

Emergency Medical Technician

Offered by the Health Professions Division, 541.463.5617

One-Year Certificate of Completion

Program Coordinator Cory Miner, minerjc@lanecc.edu

Purpose Certificate of Completion was created as a statewide transfer tool. Some Oregon schools offer only the first year of the two-year degree. The certificate of completion qualifies a student to participate in the process for entry into the second year of the Paramedicine AAS offered throughout the state. All Community College paramedic programs follow the same curriculum and accept students transferring from community colleges that only provide the first-year courses.

Learning Outcomes The student who successfully completes all Emergency Medical Technician requirements will:

Admission Information Please consult lanecc.edu/hp/emt

Advising and Counseling Marleena Pearson pearsonm@lanecc.edu

Job Openings Projected through 2020

Lane County openings - 5 annually Statewide openings - 82 annually

Wages

Oregon average hourly - \$18.25; average annual - \$37,965

Costs Estimates based on 2014-15 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.

Books	\$1,150
Certification, Licensure, Exams, Physicals	
Computers/Internet Service	\$1,000

Differential Fees*	\$506
Program Specific Fees	\$1,595
Resident Tuition and General Student Fees	\$4,975
Uniforms	\$215

Total Estimated Cost \$10,439

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

29-2041.00

Go to the Department of Labor's O*Net website for a profile of this occupation: Emergency Medical Technicians and Paramedics Onetonline.org/link/summary/29-2041.00 Or check on these O*Net Related Occupations: Ambulance Drivers and Attendants, Except Emergency Medical Technicians onetonline.org/ link/summary/53-3011.00 Office Clerks, General onetonline.org/ link/summary/43-9061.00

In academic year 2014-15, 5 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for ten or fewer graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: lanecc.edu/esfs/credit-fees-and-expenses

Course Requirements

- · Prerequisites are required for some courses. See course descriptions.
- MTH 095, PSY 110, and WR 121 must be completed with a letter grade, not P/NP.
- All other courses must be completed with a letter grade, not P/ NP, and must be passed with a grade of 'C-' or better to satisfy program requirements.
- Prerequisites are required for BI 231. See course descriptions.

	Fall
BI 231 Human Anatomy and Physiology 1	4
EMT 151 Emergency Medical Technician Basic Part 1	5
EMT 175 Introduction to Emergency Services	4
EMT 152 Emergency Medical Technician Basic Part 2	5
	Winter
Choice of:	
WR121 Intro to Academic Composition	
WR121_H Intro to Academic Composition	4
BI 232 Human Anatomy and Physiology 2	4
EMT 196 Crisis Intervention	3
MTH 095 Intermediate Algebra or higher	5
	Spring
BI 233 Human Anatomy and Physiology 3	4
EMT 169 Emergency Services Rescue	4
EMT 170 Emergency Response Communication/	
Documentation	2
EMT 171 Emergency Response Patient Transportation	2
PSY 110 Exploring Psychology or higher	3
HO 100 Medical Terminology 1	3

Physical Therapist Assistant

Offered by the Health Professions Division, 541,463,5617

Associate of Applied Science Degree

Program Coordinator Christina Howard, PT, MPT, Health Professions, Building 30, Room 124, 541.463.5764, howardc@lanecc.edu

Purpose Prepare the graduate to qualify for the National Physical Therapist Assistant Examination administered by the Federation of State Boards of Physical Therapy and practice as an entry-level, licensed physical therapist assistant (PTA).

Learning Outcomes Physical Therapist Assistant (PTA) program learning outcomes are based on the guidelines of the Commission on Accreditation in Physical Therapy Education (CAPTE). Program graduates must demonstrate broad, integrative and specialized knowledge, technical and communication skills, and behavior and conduct consistent with entry-level PTA practice. Learning outcomes have a strong emphasis on safely and effectively implementing a plan of care under the direction of a supervising physical therapist. PTAs work under the direction of the supervising physical therapist in helping clients (individuals, families or communities) promote health and recovery from acute or chronic neuromuscular, musculoskeletal, cardiovascular, pulmonary, metabolic, and integument injury or disease. The graduate:

- communicates verbally and non-verbally with the patient, the physical therapist, health care delivery personnel, and others in an effective, appropriate, and capable manner.
- recognizes individual and cultural differences and responds appropriately in all aspects of physical therapy services.
- exhibits conduct that reflects a commitment to meet the expectations of the members of the profession of physical therapy and members of society receiving health care services.
- exhibits conduct that reflects safe practice standards that are legal, ethical and safe.
- communicates an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.
- demonstrates competence in implementing selected components of interventions identified in the plan of care established by the physical therapist, including functional training, infection control, manual therapy, physical and mechanical agents, therapeutic exercise, and wound management.
- demonstrates competency in performing components of data collection skills essential for carrying out the plan of care, including tests and measures for aerobic capacity, pain, cognition, assistive and prosthetic devices, joint motion, muscle performance, neuromotor development, posture, self-care and home/community management, ventilation, respiration, and circulation.
- recognizes and initiates clarifications with the supervising physical therapist when indicated.
- adjusts treatment interventions within the plan of care to optimize patient safety, progress, and comfort; reports outcomes to the supervising physical therapist.
- instructs and educates patients, family members, and caregivers as directed by the supervising physical therapist.
- instructs members of the health care team as directed by the supervising physical therapist, using appropriate instructional materials and approaches.
- demonstrates a commitment to meeting the needs of the patients and consumers.
- interacts with other members of the health care team in patient care and non-patient care activities.
- provides accurate and timely information for billing and reimbursement purposes.
- participates in quality assurance activities.
- demonstrates an awareness of social responsibility, citizenship and advocacy, including participation in community and service organizations and activities.
- identifies career and lifelong learning opportunities.

Accreditation Physical Therapist Assistant, accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, VA 22314); phone: 703.706.3245; email: accreditation@apta.org; website: capteon line.org.

Admission Information Students are admitted once a year. Admission is restricted and is based on a program application. Please consult *lanecc.edu/hp/pta/*.

Advising and Counseling Registration in on-line (Moodle) Academic Advising for Physical Therapist Assistant is highly recommended. Drop-in advising is available in Building 1, Room 103. E-mail ptaprogram@lanecc.edu

Cooperative Education (Co-op) Co-op is required for second year students enrolled in the Physical Therapist Assistant Program. Students must complete 18 credits of Co-op a program-designated co-op site. Contact Beth Thorpe, PTA Cooperative Education Coordinator, Bldg. 30, Rm. 108, 541.463.3274, thorpeb@lanecc.edu.

Job Openings Projected through 2020

Lane County openings - 3 annually Statewide openings - 40 annually

Nages

Lane County median hourly - \$28.47; average annual - \$59,817

Oregon median hourly - \$26.78; average annual - \$58,628

Costs Estimated based on 2015-16 tuition and fees. Consult Lane's website for updated tuition and fees for prerequisite and program courses. Prerequisite costs will vary for transfer students.

Books	\$900
Certification, Licensure, Exams, Physicals	\$2,559
Computers/Internet Service	\$1,100
Differential Fees*	\$1,610
Program Specific Fees	\$938
Resident Tuition and General Student Fees	\$11,053

Total Estimated Cost \$18,160

*This is the total of all the differential fees attached to the courses in this program. These fees and other course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

- Prerequisites are required for some courses. See course descriptions
- No more than 16 credits with a grade of Pass are accepted
- Non-PTA courses must be passed with a grade of Pass or C or better to satisfy program requirements
- All PTA courses must be completed with a letter grade of C or better to satisfy program requirements

Prerequisites Required to Apply

Proof of clinical observation hours with a PT or PTA	25
Choice of:	
WR 121 Introduction to Academic Writing	
WR121_H Intorduction Academic Writing	
WR 122 Composition: Argument, Style, and Research	
WR 122H Composition: Argument, Style, and Research	
WR 123 Composition: Research, or higher writing,	
or	
prior bachelor's degree, verified by transcript from US	
accredited institution	3-4
HO 100 Medical Terminology	3
Choice of:	3-4
HO 150 Human Body Systems	
BI 231 Human Anatomy and Physiology	
Choice of:	4-5
GS 104 Physical Science	
PH 101 Fundamentals of Physics	
PH 102 Fundamentals of Physics	
PH 201 General Physics	
Choice of:	4
PSY 201 General Psychology	
PSY 202 General Psychology	
PSY 215 Lifespan Developmental Psychology	
. c c c pan _ c . c p . nontan i oyonology	

Prerequisite requirements prior to Cooperative Education

AHA CPR for Health Professionals Physical examination Drug and alcohol screen Proof of required immunizations Criminal Background Check

First Year	Fall
MTH 065 Elementary Algebra or higher	4
PTA 100 Introduction to Physical Therapy	3
PTA 101 Introduction to Clinical Practice 1	5
PTA 101L Introduction to Clincal Practice 1 Lab	2
	Winter
PTA 103L Introduction to Clinical Practice 2 Lab	2
PTA 103 Introduction to Clinical Practice 2	5
PTA 132L Applied Kinesiology 1 Lab	2
COMM 115 Introduction to Intercultural Communication	4
PTA 132 Applied Kinesiology 1	3
	Spring
PTA 104 PT Interventions-Orthopedic Dysfunctions	5
PTA 104L PT Interventions-Orthopedic Dysfunctions Lab	2
PTA 133L Applied Kinesiology 2 Lab	2
PTA 133 Applied Kinesiology 2	3
COOP 206 Co-op Ed: Internship Seminar	1-2
Second Year	Fall
PTA 280A Co-op Ed: First Clinical Internship	6
PTA 204 PT Interventions Neurological Dysfunctions	5
PTA 204L PT Interventions Neurological Dysfunctions	
Lab	2
HIM 153 Introduction to Pharmacology	3
	Winter
PTA 280B Co-op Ed: Second Clinical Internship	6
PTA 201 Physical Therapy and the Older Adult	2
PTA 205 PT Interventions Complex Medical	
Dysfunctions	4
PTA 205L PT Interventions Complex Medical	
Disfunctions Lab	2
	Spring
PTA 280C Co-op Ed:Third Clinical Internship	6
PTA 203 Contemporary Topics in Physical Therapy	2
HE 262 First Aid 2: Beyond the Basics	3
PTA 200 Professionalism, Ethics, and Exam Preparation	4

Public Health Education and Promotion Specialist

Offered by Health Education 541.463.5545

Associate of Applied Science Degree

Career Pathway Certificate - Health Educator

Program Coordinator Susie Cousar 541.463.5271

Purpose This will be a program of study that prepares individuals to assume roles as health education, promotion and wellness professionals in private business and industry, community organizations, and health care settings. Areas this may include are; personal health, community health and welfare, nutrition, disease prevention and causation, mental and developmental health, fitness, occupational or environmental health and safety, health navigation as well as health behavior change and intervention. Students in this program will be trained to become agents for positive health behavior change in the community. This program will provide students with experience, knowledge, and strategies to utilize and apply the skills needed to improve and promote personal and community health outcomes. The core classes in this program will focus on the scientific dimensions within the academic fields of Health Education/ Promotion and Public Health which include the exploration of physical, social, emotional, mental, psychological, occupational, and environmental aspects of both personal and community health and well-being and the prevention of disease, disability and chronic health issues. Because of the multidisciplinary nature of this field, students will also take a wide variety of classes from the social science, biological science, psychological science, and human services academic areas. This program is designed to prepare students to enter the private and public workforce within the following fields: health education and promotion, wellness specialists, public health advocate, planners presenters and research assistants, safety and disease prevention specialists, personal health coach-navigator, retirement and home health-activity coordinators, community health advocates and workers, personal health caregivers, occupational and environmental health specialist, assistants, mental/social health advocates, violence prevention educators, and all employment opportunities that require the skills and understanding of individual and community-health promotion, disease prevention, education and advocacy.

Learning Outcomes The graduate of the Associate of Applied Science program will be able to: - Demonstrate skills and abilities to utilize current research, plan, develop, organize and assess materials and presentations to appropriately communicate information with individuals and the public about current individual and public/community health issues

- demonstrate skills and abilities to utilize current research, plan, develop, organize and assess materials and presentations to appropriately communicate information with individuals and the public about current individual and public/community health issues including the following areas: -The personal and societal determinants of health -Community and interpersonal violence -Personal behavior change -Chronic and communicable disease causation and prevention -Individual and societal impacts of Obesity, hunger, and malnourishment -Drug addiction care and prevention -Environmental Health issues such as air and water pollution and the connection between ecological and human health issues -Social and cultural paradigms that can impact individual- and community-health equity and outcomes -Health-care access and issues -Reproduction and sexual health including the prevention of unplanned pregnancies and sexually transmitted disease -Emergency response, First Aid and Safety -Fitness and physical activity.
- develop curriculum for presentations, classes, activities, online courses, and web content.
- conduct individual and group learning experiences and activities both in person and online.
- utilize the skills needed to organize and coordinate events, meetings, workshops, conferences and fundraising.
- demonstrate writing proficiency necessary for grant funding, legislation development, published resources for web content, policies and procedures and other materials needed.
- demonstrate computer skills with a variety of programs and databases for research, writing, web development, and organizational planning.
- conduct, record and analyze simple health assessments including blood pressure, body mass index, target heart rate and nutritional screenings.
- collect and analyze data including conducting field tests and interviews when needed.
- plan and conduct assessments audits and evaluations for individuals, community, and the workplace.
- ability to integrate social marketing within, public speaking, planning, curricula and written materials.
- demonstrate the ability to clearly articulate ideas, reasoning and confidence in public speaking.
- utilize collaborative, emotionally intelligent, and culturally competent team skills in the design and implementation of health education and public health classes and programs for diverse individuals and populations.
- create and utilize appropriate community networks and resources to ensure that individuals and community groups have access to appropriate support systems.
- develop and implement policies, legislation, and individual behavior-change agreements and community health action plans for the prevention of disease, accidents, injuries, and disasters.

- develop and utilize efficient organizational processes to ensure prompt follow-up, tracking, and project management.
- utilize motivational interviewing techniques and community surveys to assist in the planning, assessment, and implementation of individual and community health promotion plans and programs.

Admission Information Please consult lanecc.edu/healthpe

Cooperative Education (Co-op) Co-op offers students graded college credit for on-the-job work experience related to educational and career goals. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for future job openings.

Job Openings Projected through 2020

Employment in this occupation in 2012 was at about the statewide average for all occupations. The total number of job openings is projected to be at about the statewide average number of job openings for all occupations through 2022. This occupation is expected to grow at about the statewide average growth rate for all occupations through 2022.

Reasonable employment opportunities exist for trained workers. Totals new Jobs in Oregon per year, Approx. 32

Wages

Lane County average hourly - \$30.35; average annual - \$63,407 Oregon average hourly - \$28.06; average annual - \$58,361 Wage forecast is currently for Bachelors or Masters degree level. Employment wages are likely to be adjusted based on position for candidate with AAS degree

Costs Estimate is based on 2016-2017 tuition and fees (books and materials are not included). Consult Lane's website for updated tuition: lanecc.edu/esfs/credit-tuition

Resident Tuition and General Student Fees \$10,807

Total Estimated Cost \$10.807

Fall

Course Requirements

First Voor

In addition to completing all required courses and meeting college graduation requirements, students must meet the following requirements:

- Students must fill out application prior to second year of enrollment in cooperative education courses.
- All courses must be completed with a letter grade and be passed with a C or better grade to satisfy course requirements.
- Students must receive a positive evaluation from supervisors and coordinators for their co-op classes.
- HO 150/152 are offered online and Anatomy and Physiology courses (Combination of Bio 231-233) can be substituted for the HO 150/152 combo.

rirst year	raii
HE 209 Human Sexuality	3
HE 152 Drugs, Society and Behavior	3
HO 100 Medical Terminology 1	3
Choice of:	
WR 121 Intro to Academic Composition	
WR 121_H Intro to Academic Composition	4
Choice of:	
SOC 205 Social Stratification and Social Systems	
SOC 206 Institutions and Social Change	
SOC 213 Race and Ethnicity	4
	Winter
HE 275 Lifetime Health and Fitness	3
HI 101 Introduction to Health Care and Public Health	
in the US	4
CG 203 Human Relations at Work	3
HO 150 Human Body Systems 1	3
Choice of PSY 201, 202, 239 or 215*	3-4

	Spring
HO 152 Human Body Systems 2	3
MTH 025 Basic Mathematics Applications or higher	3
HE 125 Workplace Health and Safety HS 228 HIV/AIDS and other Infectious Diseases: Risk	3
Assessment and Intervention COMM 112 Persuasive Speech	2 4
Second Year	Fall
Choice of: WR122 Composition: Style and Argument	
WR122_H Composition: Style and Argument	4
HE 250 Personal Health	3
HE 252 First Aid	3
HE 280PH Co-op Ed: Public Health	3
Choice of COMM 105, 115, 218	4
	Winter
HE 255 Global Health and Sustainability	4
FN 225 Nutrition	4
Choice of HS107, HS235 or EXMS214	3
Choice of any two 1 credit PE course	2
HE 280PH Co-op Ed: Public Health	3
	Spring
Choice of BIO103G or BIO 103M	4
HS 231 Advanced Interviewing and Counseling	3
HE 240 Holistic Health	3
HE 240 Holistic HealthHE 280PH Co-op Ed: Public Health	
HE 240 Holistic Health	3

Health Educator

Offered by Health PE and Athletics, 541.463.5271

Career Pathway Certificate

Program Coordinator Susie Cousar, 541.463.5271 or cousars@lanecc.edu

Purpose This certificate of completion will prepare individuals to assume roles in occupations that utilize health education, promotion and wellness in private business and industry, community organizations, and health care settings. This career pathway or certificate of completion is designed to enhance the skills in these occupational areas: personal health/wellness coach, social and human services, community health worker and social welfare, nutrition, substance abuse, disease prevention and causation, mental and developmental health, exercise movement science specialist/ fitness professionals recreation specialists, occupational or environmental health and safety specialists, emergency response, health navigation and all occupations that promote behavior change and intervention. Students who complete these courses will receive education that will support and encourage their ability to act as positive agents of change to better personal and community health outcomes. The classes with this career pathway will focus on all of the dimensions within the academic fields of Health Education/Promotion and Public Health which include; physical, social, emotional, mental, psychological, occupational, and environmental aspects of personal and community health and well-being and the prevention of disease, disability and chronic health issues. This certificate is designed for anyone that is either currently working in a related field that would like to add this certificate to help expand their potential employability, upgrade their current work status or explore this area of study to determine interest in the AAS Public Health Education and Promotion degree program.

Learning Outcomes This certificate of completion will prepare individuals to assume roles in occupations that utilize health education, promotion and wellness in private business and industry, community organizations, and health care settings. This career pathway or certificate of completion is designed to enhance

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

the skills in these occupational areas: personal health/wellness coach, social and human services, community health worker and social welfare, nutrition, substance abuse, disease prevention and causation, mental and developmental health, exercise movement science specialist/ fitness professionals recreation specialists, occupational or environmental health and safety specialists. emergency response, health navigation and all occupations that promote behavior change and intervention. Students who complete these courses will receive education that will support and encourage their ability to act as positive agents of change to better personal and community health outcomes. The classes with this career pathway will focus on all of the dimensions within the academic fields of Health Education/Promotion and Public Health which include; physical, social, emotional, mental, psychological, occupational, and environmental aspects of personal and community health and well-being and the prevention of disease, disability and chronic health issues.

 demonstrate skills and abilities to utilize current research, plan, develop, organize and assess materials and presentations to appropriately communicate information with individuals and the public about current individual and public/community health issues including:

The personal and societal determinants of health.

Community and interpersonal violence.

Personal behavior change.

Chronic and communicable disease causation and prevention.

Individual and societal impacts of Obesity, hunger, and malnourishment.

Drug addiction care and prevention.

Environmental Health issues such as air and water pollution and the connection between ecological and human health issues.

Social and cultural paradigms that can impact individualand community-health equity and outcomes.

Health-care access and issues.

Reproduction and sexual health including the prevention of unplanned pregnancies and sexually transmitted disease.

Emergency response and first aid.

Workplace health and safety.

Prevention and response related to global and community disasters.

Fitness and physical activity.

- demonstrate the ability to clearly articulate ideas, reasoning and confidence in public speaking.
- demonstrate computer skills with a variety of programs and databases for research, writing, web development, and organizational planning.

Admission Information Please Contact Susie Cousar, 541.463.5271 or cousars@lanecc.edu

Advising and Counseling Jessica Alvarado, 541.463.5802 or alvaradoj@lanecc.edu

Moodle Introduction to program classes.lanecc.edu/course/view .php?id=66381§ion=0

Cooperative Education (Co-op) No Co-op for this certificate but some classes will have Service Learning which will require outside service at local agencies.

Job Openings Projected through 2020

Oregon: 900 Lane: 39

Oregon-Hourly: \$30.01 Annual: \$62,424 Lane- Hourly: \$30.06 Annual: \$62,524

Costs This estimate is based on the 2016/17 school year information for in state tuition, books and materials are not included.

Refer to Lane Website for the most updated information on Tuition and Fees *lanecc.edu/esfs/credit-tuition*

Total Estimated Cost \$3,105

*Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

Students must take HE 252 prior to taking HE262

1 0	
HE 152 Drugs, Society and Behavior	3
HE 252 First Aid Responding to Emergencies	3
HE 209 Human Sexuality	3
HE 275 Lifetime Health and Fitness	4
HE 240 Holistic Health	3
HE 250 Personal Health	3
HE 255 Global Health and Sustainability	4
FN 225 Nutrition	4
Choice of:	
HE 262 First Aid 2 Beyond the Basics or	
HE 251 Wilderness First Aid	
HE125 Workplace Health and Safety	
HE 222 Exploiting Health Consumers	3

Respiratory Care

This program is being discontinued. Students currently enrolled in the program should contact Counseling and Advising at 541.463.3200 for information about completing core courses.

Retailing

This program is being discontinued. Students currently enrolled in the program should contact Counseling and Advising at 541.463.3200 for information about completing core courses.

Sustainability Coordinator

Offered by the Institute for Sustainable Practices, 541.463.5569

Associate of Applied Science Degree

Program Coordinator Mike Sims, Institute for Sustainable Practices, 541,463,5569

Purpose To prepare students for careers as sustainability coordinators, resource management technicians, corporate social responsibility coordinators, environmental specialists, recycling coordinators, pollution prevention specialists and energy or waste reduction analysts. Graduates may work for public agencies, school districts, colleges or universities, non-governmental organizations, nonprofit organizations, private businesses or corporations

Learning Outcomes The student who successfully completes all Sustainability Coordinator requirements will:

- demonstrate holistic understanding of interdisciplinary subjects related to sustainability including physical and biological sciences, social and behavioral sciences, economics, the regulatory environment, and business management.
- develop policies that support the triple bottom line of sustainability: healthy economy, healthy environment, and healthy communities.
- obtain information from public and research libraries, online sources, and regional, national, and international networks.
- demonstrate skills in data collection and analysis, statistical analysis, and basic mathematics.
- perform environmental audits, perform laboratory and field tests, conduct and coordinate research, and prepare written reports for internal and external stakeholders.
- demonstrate understanding of the causes and the ecological, social, and economic costs of challenges to sustainability

- including pollution, climate change, loss of biodiversity, water quality and supply, and human health.
- apply practical and technical strategies to objectives including
 pollution prevention, climate change reduction, energy conservation and use of alternative energy, efficient resource use,
 waste reduction and recycling, LEED and other green building
 tools, water conservation, stormwater and wastewater management, indoor air quality, transportation, closed loop production and life cycle analysis.
- articulate verbal and written understanding of laws and regulations related to sustainable environment, business and community.
- develop and implement action plans based on best practices; coordinate project management goals and tasks.
- conduct public relations and social marketing efforts; develop educational materials; and create community networks and resources to support sustainability practices in business and community.
- demonstrate the ability to organize events, meetings, workshops, conferences and fundraising.
- utilize collaborative team skills in the design and implementation of sustainable practices.

Admission Information To enroll in this major, log into myLane. Click on the myEnrollment tab, in the "Student Status" box, click "View/ Change Your Current Major." Select "Associate of Applied Science Sustainability Coordinator" from the drop down menu. For more information about the program, contact one of the co-coordinators Susie Cousar, 541.463.5271; Margaret Robertson, 541.463.3143; Claudia Owen, 541.463.5052; or one of the program advisors Carolyn Litty, 541.463.5236; Claudia Riumallo, 541.463.5378.

Cooperative Education (Co-op) Co-op internship is a required and important part of the Sustainability Coordinator program. Through Co-op, students connect theory and practice, develop skills, expand career knowledge, and make contacts for the future. Work schedules and work sites vary. Contact Marv Clemons, Cooperative Education Coordinator, Bldg. 12, Rm. 120C, 541.463.3158.

Job Openings Projected through 2020

Sustainability Coordinator is an emerging occupation fro which State of Oregon historical data are not yet available. Market surveys of regional and statewide employers indicate job growth is expected to increase. Local, State, or Federal regulations with regard to climate change, resource conservation, and mandatory energy reporting will affect these trends.

Wages

Based on Oregon Employment Department wage data for related occupations including environmental science technician, environmental engineering technician, environmental engineering technician, life-physical-social science technician, and public relations specialist predicted average wages: Statewide Hourly - \$20-\$23, Lane County Hourly \$15-\$23. Predicted entry-level wages are \$11-\$16 hourly.

Costs (Estimate based on 2014-15 tuition and fees. Consult Lane's website for updated tuition.)

Books	\$3,000
Resident Tuition and General Student Fees	\$10,200

Total Estimated Cost \$13,200

Course Requirements

- Prerequisites are required for some courses. See course descriptions
- All BI, DRF ECON, ENVS, IDS and PS courses must be completed with a letter grade of 'C-' or better
- All CG, MTH, WR, and BT must be completed with a 'C-' or better or Pass grade

Prerequisites

Students must qualify for MTH 095 and WR 121 or WR 121_H either by placement testing or by completing prerequisite courses. Students are expected to be comfortable working on a computer. Students should consult with a counselor or advisor to plan a program of study.

First Year	Fall
ENSC 181 Terrestrial Environment	4
GS 104 Physical Science	4
HE 255 Global Health and Sustainability	4
Choice of:	
WR121 Intro to Academic Composition	
WR 121_H Intro to Academic Composition or higher	4
	Winter
ENSC 183 Aquatic Environment	4
BT 120 MS WORD for Business	4
CG 203 Human Relations at Work	3
CH 104 Introduction to General Chemistry	5
	Spring
BI 103J General Biology: Forest Ecology	4
MTH 095 Intermediate Algebra	5
BI 103M General Biology: Biodiversity and Sustainability.	4
Second Year	Fall
ENSC 182 Atmospheric Environment and Climate	
Change	4
BT 123 MS EXCEL for Business	4
WR 227 Technical Writing	4
MTH 105 Math in Society	4
	Winter
PS 297 Environmental Politics	4
ECON 250 Class, Race and Gender in the US Economy	4
CST 201 Sustainable Building Practices	3
WATR 202 Fostering Sustainable Practices	3
IDS 206S Co-op Ed: Sustainabilty Coordinator Seminar	1
	Spring
IDS 201 Sustainability Systems Seminar	3
IDS 280S Co-op Ed: Sustainability Coordinator	12
DRF 211 Sustainable Building Systems	4
ECON 260 Introduction to Environmental and Natural	
Resource Economics	4

Water Conservation Technician

Offered by Sustainable Practices, 541.463.6160

Associate of Applied Science Degree

Program Coordinator Roger Ebbage, Downtown Campus 404, 541.463.6160, *ebbager@lanecc.edu*

Purpose This degree prepares individuals to evaluate water patterns; develop, implement, market and maintain water conservation programs/ perform public outreach; recommend water efficiency techniques; integrate alternative water sources; and perform systems analysis to solve problems. The graduate will be trained to fill positions such as Water Conservation Program Specialist, Water Resource Specialist, Stormwater Technician, Stewardship Coordinator, Resource Coordinator and many more. Jobs are in the Federal, State, Local, Non-Government and Private Sectors in both profit and non-profit venues.

Learning Outcomes The student who successfully completes all Water Conservation Technician requirements will:

- evaluate indoor and outdoor water use patterns for rural, urban, residential and commercial sites.
- recommend water efficiency measures, wise water landscapes and efficient plumbing solutions.
- design, implement and evaluate and market water conservation programs to a broad audience.
- convey water conservation strategies to a broad audience using multiple communication methods.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

- understand regional regulatory context and international code trends as they pertain to water conservation.
- develop basic knowledge of water resource economics and how economics relates to supply and demand.
- understand water distribution, flow and elimination systems; basic hydraulics; quality issues; balance and time of use.
- create technical reports and collect, interpret, display and explain data.
- perform systems analysis using water bills, meters and other evidence to solve problems.

Admission Information Roger Ebbage, Downtown Campus 404, 541.463.6160. ebbager@lanecc.edu

Advising and Counseling Roger Ebbage, Downtown Campus 404, 541.463.6160, *ebbager@lanecc.edu*

Cooperative Education (Co-op) Cooperative Education provides sustainability-related field experience to integrate theory and practice while developing skills and exploring career options. Students must complete a minimum of nine and a maximum of 18 Co-op credits. Contact Marvin Clemons , Cooperative Education Coordinator, Bldg. 12, Rm. 120C, clemonsm@lanecc.edu,541.463.3158.

Job Openings Projected through 2020

The annual projected number of openings in Oregon is growing moderately and in the future will grow rapidly along with population growth and water shortage. In addition to openings resulting from growth and awareness of water conservation needs, new positions are being created across the country, providing numerous job openings. Graduates must consider the entire nation and overseas for job placement as those that do will substantially enhance their opportunities.

Wages

In Oregon range from \$32,000 to \$48,500 annually plus benefits.

Costs (estimate based on 2014-15 tuition and fees. Consult Lane's website for updated tuition.) Water Conservation Technician course fees and other course fees may change during the year - see the online credit class schedule for fees assigned to courses.

Program Specific Fees	\$1,000
Resident Tuition and General Student Fees	\$9,816

Total Estimated Cost \$10,816

Course Requirements

- Prerequisites are required for some courses. See course descriptions.
- All WATR courses except WATR 102 require instructor permission.

- See catalog for Health/PE choices in AAS degree requirements.
- MTH 095 must be completed before entering the second year of the program.
- Directed electives, Writing, Health/PE and Human Relation classes can be taken any term.
- All courses must be taken for a letter grade except Human Relations, ENVS183, GIS 151, Health/PE, WATR 102, WATR 206, WATR 222, and WATR 280.
- WATR 280 Co-op Ed may be taken during summer term.

First Year	Fall
BT 123 MS EXCEL for Business	4
WATR 102 Water Careers Exploration	4
WST 102 Introduction to Watershed Field Methods	2
GS 101 General Science (Nature of the Northwest)	4
Choice of:	
WR 121 Academic Composition	
WR 121_H Academic Composition	4
	Winter
WATR 101 Introduction to Water Resources	3
GIS 151 Digital Earth	4
MTH 095 Intermediate Algebra	5
Human Relations Requirement	3
	Spring
WATR 105 Water Conservation: Residential	4
WATR 206 Co-op Ed: Water Conservation Seminar	2
GIS 245 GIS 1	4
ENVS 183 Aquatic Environment	4
WST 205 Soils Fields Methods	3
•	_
Second Year	Fall
WATR 150 Water Resource Economics	4
WATR 210 Water Conservation: Industrial / Commercial	4
WATR 261 Regional Water PolicyWR 227Technical Writing	3
Wh 227 lectifical writing	•
	Winter
WATR 202 Fostering Sustainable Practices	3
WATE 220 Water Conservation: Program Development	4
WATR 222 Stormwater Best Management Practices	4
WATR280 Co-op Ed: Water Conservation Technician	•
	Spring
WATR 215 Integrated Water Management	4
WATR 221 Water Mechanical Systems	4
WATR280 Co-op Ed: Water Conservation Technician	3

Watershed Science Technician

This program is being discontinued. Students currently enrolled in the program should contact Counseling and Advising at 541.463.3200 for information about completing core courses.

^{*}Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Transfer Guides

Lane Community College's mission is to provide comprehensive, accessible, quality, learning centered educational opportunities that promote student success. To honor the mission statement, we have created Transfer Guides to assist students wanting to transfer to a four-year college or university to earn a Bachelor degree.

The Transfer Guides in this section are arranged in two categories:

- 1. Is for students pursuing a transfer degree through Lane's School of Arts and Sciences
- Is for students pursuing a career technical degree through Lane's School of Professional and Technical Careers and wanting to continue to a four-year college or university to earn a Bachelor degree.

Transferring to a 4-year institution can be complicated. There are many variables students need to be aware of when moving from an Oregon Community College to an Oregon four-year college and/or university. Lane provides major/program Academic Advising teams to help you negotiate the transfer elements. We encourage student to visit with their major/program Academic Advising team as often as needed to be successful in reaching your academic goal.

Major requirements for first- and second-year coursework vary from college to college and from academic year to year. Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges and/or universities may have a separate application process. All major courses listed in the Transfer Guides must be completed to meet lower division major requirements at the four-year institution.

It is imperative that students consult with the major Academic Advising team at Lane to assure the appropriate coursework is being chosen. For information about the Academic Advising teams, please see the "Transfer" section in this catalog. The guides are not meant as a substitute to meeting with the major Academic Advising team.

Transfer Guides in this section include various majors for specific four-year colleges and/ or universities in Oregon. Lane Community College also offers courses and transfer information for students who would like to transfer to a four-year college or university that are not in the following Transfer Guides. Please meet with the Lane Academic Advising team for the major/program or four-year college you are interested in to learn about more possibilities. Lane does not endorse any specific four-year college.

To request this information in an alternate format please contact the Center for Accessible Resources at (541) 463-5150 or accessibleresources@lanecc.edu.

School of Arts and Sciences

Lane's School of Arts and Sciences (S.A.S.) is made up of academic divisions that emphasize a liberal arts education, engaging primarily in transfer education although integrated with selected technical and professional programs. The following divisions that make up S.A.S offer curricula traditionally associated with the humanities, social sciences, sciences, business studies, and health and physical education:

Business and Computer InformationTechnology Health, Physical Education, and Athletics Language, Literature, and Communications

Math

Music, Dance and Theatre Arts

Science

Social Science

In addition, the School of Arts and Sciences has strong association with Honors and International Programs. It also supports undergraduate research, core learning outcomes, and a variety of high impact practices resulting in outstanding student educational experiences. If you are interested in obtaining a bachelors degree, then the School of Arts and Sciences has transfer degrees and programs to help you achieve your goal.

The Transfer Guides contain courses needed to complete Lane degrees, such as: the Associate of Arts Oregon Transfer (AAOT), the Associate of Science: University of Oregon (AS: UO), Associate of Science Oregon Transfer degree in Business (ASOT-Bus) or the Associate of Science: Oregon State University (AS: OSU). Each of the Transfer Guides contain requirements for a specific major to one specific four-year college and/or university and the general education requirements for one of the Lane degrees listed above.

We also offer Associate of Science Oregon Transfer (ASOT) degrees in Business and Computer Science that fulfill the general education requirements for all public universities in the state. Business is a highly competitive, limited enrollment major at most four-year colleges and/or universities and completion of the ASOT in Business alone does not assure you have met the major requirements. Students must meet with the Lane major Academic Advising team to assure all requirements for the major have been met.

Major requirements for first- and second-year coursework vary from college/university to college/university and from academic year to year. Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges and/or universities may have a separate application process. All major courses listed below in the Transfer Guides must be completed to meet lower division major requirements at the four year college and/or university.

It is imperative that students consult with the major Academic Advising team at Lane to assure the appropriate coursework is being chosen. For information about the Academic Advising teams, please see the "Transfer" section in this catalog. The Guides are not meant as a substitute for meeting with the Academic Advising team for the major.

Transfer Guides in this section include various majors for specific four-year colleges and/or universities in Oregon. Lane Community College offers courses and transfer information for transfer majors and/or four-year colleges that may not, at this time, be listed in the catalog. Please meet with the Lane Academic Advising team for the major/program or four-year college or university you are interested in to determine more possibilities. Lane does not endorse any specific four-year college.

Transfer Guides

Animal Sciences, pre-vet option

Transfer Guide for Associate of Science: Oregon State University Degree

This Transfer Guide is for students transferring to Oregon State University only with a major in Animal Sciences

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an Animal Sciences major at Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: Oregon State University degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science OregonTransfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective Transfer (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science: Oregon State University degree requirements for approved Discipline Studies.

Associate of Science: Oregon State University courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Animal Sciences, pre-vet option with Associate of Science: Oregon State University degree

State University degree	Credits
MTH 111 College Algebra	5
MTH 112 Trigonometry	4

MTH 243 Intro to Probability and Statistics	4
Choice of one course:	
MTH 241 Elementary Calculus 1	4
MTH 251 Differential Calculus	5
Bl 211 Principles of Biology	4
BI 213 Principles of Biology	4
Z 213 Principles of Biology	4
Bl 234 Introductory Microbiology	4
BA 226 Business Law	4
CH 221 General Chemistry 1	5
CH 222 General Chemistry 2	5 5
,	5 5
CH 223 General Chemistry 3	5 5
CH 241 Organic Chemistry 1 ¹	5 5
CH 242 Organic Chemistry 2 ¹	_
CH 243 Organic Chemistry 3 ¹	5
PH 201 General Physics 1	5
PH 202 General Physics 2 ²	5
Remaining requirement for Associate of	
Science: Oregon State University Degree	
Writing I – see AS: OSU approved listing	3-4
Writing II – see AS: OSU approved listing	3-4
Writing III/Speech – see AS: OSU approved listing	3-4
HE 275 Lifetime Health and Fitness	3
Western Culture - see AS: OSU approved listing	3-4
Cultural Diversity – see AS: OSU approved listing	3-4
Literature and the Arts – see AS: OSU approved listing	3-4
Social Processes and Institutions – see approved	
AS: OSU approved listing	3-4
Difference, Power and Discrimination – see AS: OSU	•
approved listing	3-4
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'Taking CH 241-243 at Lane will satisfy OSU's Biology major requirement but student will receive lower-division credit at OSU. Upon passing the American Chemical Society (ACS) organic chemistry equivalency test offered to Lane students after completion of CH 243, students can receive up to 15 credits of upper-division organic chemistry credits at OSU.

²While PH 203 is not a requirement for the Animal Sciences major, many vet schools require a full year of Physics

Anthropology

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Anthropology

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing Anthropology major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow

students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Anthropology with Associate of	
Arts Oregon Transfer (AAOT)	Credits
ANTH 101 Physical Anthropology	4
ANTH 102 World Archaeology	4
ANTH 103 Cultural Anthropology	4
Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree	
WR 121 plus WR 122	8
Health/Wellness/Fitness – see AAOT listing	
for approved courses	3-4
Oral Communication – see AAOT	
Communication listing	4
Cultural Literacy – see AAOT Cultural Literacy listing Arts & Letters – see AAOT approved Arts	3-4
and Letters listing	9-12
Social Sciences – see AAOT approved	
Social Science listing	6-8
Sciences – see AAOT approved listing	
for 3 lab sciences	12-15
Electives – credits needed to bring total to 90, within limit of AAOT	ations

Art

Associate of Science: University of Oregon (AS: UO) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Art

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an Art major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: University of Oregon degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college- level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science: University of Oregon degree requirements for approved Discipline Studies courses. Associate of Science: University of Oregon courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Art major with Associate of Science: University of Oregon degree

These courses must be completed prior to enrolling in other studio courses at UO:	Credits
	3
ART 115 Basic Design: FundamentsART 117 Basic Design: 3 Dimensional	3
Any one course from: ART 131, 134, 231, 234 Drawing	3
Additional required courses for the major	
Any three courses chosen from:	9
ARH 113, 213 History of Photography 1, 2 ARH 200 Graphic Design History ARH 202 Survey of Western Art ARH 203 Survey of American Indian Art* ARH 211, 212 Survey of Visual Art ARH 214 American Art ARH 217 Islamic Art	
Choice of two different curricular areas with only one course per area:	6

Associate of Science: University of Oregon degree remaining requirements

WR 121 plus WR 122 or WR 123.....

8

Math 105 or college-level Math course with	
prerequisite of Math 95	4–5
Arts and Letters – see AS: UO approved	
Arts and Letters listing	6
Social Sciences – see AS: UO approved	
Social Science listing	15
Sciences – see AS: UO listing	15
Electives – see limitations on AS: UO and credits	
needed to bring total to 90 transfer credit	

Biochemistry

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Biochemistry

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing Biochemistry major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science OregonTransfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

-	
Transfer Guide for Biochemistry with Associate of Arts Oregon Transfer degree	Credits
•	
Math 251 Differential Calculus	
Math 252 Integral Calculus	
Math 253 Infinite Series & Sequences	
CH 221 General Chemistry 1	
CH 222 General Chemistry 2	
CH 223 General Chemistry 3	
CH 241 Organic Chemistry 1*	5
CH 242 Organic Chemistry 2*	
CH 243 Organic Chemistry 3*	5
PH 201 General Physics 1	5
PH 202 General Physics 2	
PH 203 General Physics 3	
Remaining requirements to complete Associate of Arts Oregon Transfer degree	
	_
WR 121, plus WR 122 or WR 227	8
Health/Wellness/Fitness – see AAOT listing for	
approved courses	3
Oral Communications – see AAOT Communication	
requirement listing	3-4
Cultural Literacy – see AAOT Cultural Literacy	
requirement listing	3-4
Arts and Letters – see AAOT approved	
Arts and Letters listing	9-12
Social Sciences – see AAOT approved	
Social Science listing	12-16
*Taking CH 241-243 at Lane will satisfy UO's Biology major re	quirement but

*Taking CH 241-243 at Lane will satisfy UO's Biology major requirement but student will receive lower-division credit at UO. Upon passing the American Chemical Society (ACS) organic chemistry equivalency test offered to Lane students after completion of CH 243, students can receive up to 15 credits of upper-division organic chemistry credits at UO.

Biology

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Biology

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Biology major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science OregonTransfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status

for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts OregonTransfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Biology with Associate of **Arts Oregon Transfer degree** Credits Math 251 Differential Calculus..... 5 Math 252 Integral Calculus 5 BI 211 Principles of Biology..... 4 BI 212 Principles of Biology 4 BOT/Z 213 Principles of Biology CH 221 General Chemistry 1..... CH 222 General Chemistry 2..... CH 223 General Chemistry 3..... 5 CH 241 Organic Chemistry 1*..... 5 CH 242 Organic Chemistry 2*..... 5 CH 243 Organic Chemistry 3*..... 5 PH 201 General Physics 1..... 5 PH 202 General Physics 2..... PH 203 General Physics 3.....

Remaining requirements to complete Associate of Arts Oregon Transfer degree

WR 121, plus WR 122 or WR 227	8
Health/Wellness/Fitness – see AAOT listing	
for approved courses	3-4
Oral Communications – see AAOT Communication	
requirement listing	3-4
Cultural Literacy – see AAOT Cultural Literacy	
requirement listing	3-4
Arts and Letters – see AAOT approved	
Arts and Letters listing	9-12
Social Sciences – see AAOT approved	
Social Science listing	12-16
*T.I. OHO44 040 .I	

^{*}Taking CH 241-243 at Lane will satisfy UO's Biology major requirement but student will receive lower-division credit at UO. Upon passing the American Chemical Society (ACS) organic chemistry equivalency test offered to Lane students after completion of CH 243, students can receive up to 15 credits of upper-division organic chemistry credits at UO.

Business Administration

Transfer Guide for Associate of Science Oregon Transfer Business (ASOT Bus) degree

This Transfer Guide is for students transferring to Eastern Oregon University with a major in Business Administration only.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Business Administration major at the Eastern Oregon University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science Oregon Transfer Business (ASOT Bus). Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits and include specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Business/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective college (UO/OSU) will fulfilled many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college level second language.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science Oregon Transfer Business degree requirements for approved Foundational Skills and/or Discipline Studies courses.

Associate of Science Oregon Transfer Business degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Business Administration major with Associate of Science Oregon Transfer Business degree:

BA 101 Intro to Business	4
BA 211 Financial Accounting	4
BA 213 Managerial Accounting	4
BA 206 Business Management	3
BA 223 Marketing	4
BA 226 Business Law	4
Choice of one:	
CIS 101 Computer Fundamentals	3
CS 120 Concepts of Computing	4
Choice of one:	
MTH 111 College Algebra	5
MTH 241 Calculus	4
IVI	-

MTH 243 Probability and Statistics	4
ECON 200, 201 and 202 Economics	9
WR 121 English Composition	4
WR 227 Technical Writing	4
Remaining requirements for the Associate Sciences Orego	on
Transfer Business degree	
Math 105 or college-level Math course with prerequisite	
of Math 95	4 – 5
Oral Communications – see ASOT Bus Communication	
requirement listing	3 – 4
Cultural Literacy – chosen from classes designated with *	
on ASOT Bus	4
Arts and Letters – see ASOT Bus approved Arts and	
Letters listing	9 – 12
Social Sciences – see ASOT Bus approved Social	
Science listing	3 – 4
Sciences – see ASOT Bus approved 3 lab and 1 non	
lab Science listing	15 – 19
Electives – see limitations on ASOT Bus and to bring	
total to 90 transfer credits	

Business Administration

Transfer Guide Associate of Arts Oregon Transfer degree (AAOT)

This Transfer Guide is for students transferring to Northwest Christian University with a major in Business Administration only.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Business Administration major at Northwest Christian University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits and include specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Business/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science Direct Transfer: UO (AS: UO) degree or the Associate of Science Direct Transfer: OSU (AS: OSU) students admitted to each respective college (UO/OSU) will fulfilled many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college level second language.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Foundational Skills and/or Discipline Studies courses. Associate of Arts Oregon Transfer degree courses must be

completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Business Administration major with Associate of Arts Oregon Transfer degree:

BA 101 Intro to Business	4
BA 211 Financial Accounting	4
BA 213 Managerial Accounting	4
ECON 200, 201 and 202 Economics	9
Math 243 Probability and Statistics	4

Remaining requirements for the Associate of Arts Oregon Transfer Degree

WR 121 plus WR 122 or WR 227	8
Health/Wellness/Fitness – see AAOT listing for approved	
courses	3 – 4
Oral Communications – see AAOT Communication	
requirement listing	4
Cultural Literacy – chosen from classes designated with	
an * on AAOT list	3 – 4
Arts and Letters – see AAOT approved Arts and	
Letters listing	9 – 12
Social Sciences – see AAOT approved Social Science	
listing	3 – 4
Sciences – see AAOT approved 3 lab and 1 non lab	
Science listing	15 – 19
Electives – see limitations on AAOT and to bring total to	
90 transfer credits	

Business and Accounting, OSU

Transfer Guide for Associate of Science Oregon Transfer Business (ASOT Bus) degree

This Transfer Guide is for students transferring to Oregon State University only with a major in Business or Accounting

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Business or Accounting major at the Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science Oregon Transfer Business degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science OregonTransfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status

for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science Oregon Transfer Business degree requirements for approved Arts and Letters, Science and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Science Oregon Transfer Business degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation. Grading options and GPA requirements for majors may differ from degree requirements.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Business and Accounting with

Associate of Science Oregon Transfer Business degree Credits BA 101 Intro to Business CIS 101 Computer Fundamentals..... 3 BA 211 Financial Accounting..... 4 BA 213 Managerial Accounting 4 BA 226 Business Law 4 Choice of one: COMM 111 Fundamentals of Speech COMM 112 Persuasive Speech ECON 200, 201 and 202 Economics 9 MTH 241 Calculus..... 4 MTH 243 Probability and Statistics 4 WR 121 English Composition 4 WR 122 OR WR 227 English Composition Remaining requirements for Associate of Science Oregon Transfer **Business degree** MTH 111 or college level math course with prerequisite of MTH 095 4-5 Cultural Literacy – chosen from classes designated with * on ASOT list..... 4 Arts and Letters – see ASOT Bus approved Arts and Letters list 9-12 Social Sciences – see ASOT Bus approved Arts and Letters list Sciences – see ASOT Bus approved 3 lab and 1 non lab Science listing..... Electives - credits needed to bring total to 90 transfer credits

Business and Accounting, PSU

Transfer Guide for Associate of Arts Oregon Transfer degrees (AAOT)

This Transfer Guide is for students transferring to Portland State University with majors in Business and Accounting only.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to

four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Business and Accounting majors at the Portland State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits and include specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Business/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective college (UO/OSU) will fulfilled many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college level second language.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Foundational Skills and/or Discipline Studies courses.

Associate of Arts OregonTransfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Business and Accounting majors with Associate of Arts Oregon Transfer degree:

Required for Business and Accounting majors:	Credits
BA 101 Intro to Business	4
BA 211 Financial Accounting	4
BA 213 Managerial Accounting	4
COMM 111 Public Speaking	4
ECON 200, 201 and 202 Economics	9
MTH 243 Probability and Statistics	4
WR 121 English Composition	4
Additional requirements for Accounting majors	
PS 201 and 202 American Government	6
ANTH, PSY or SOC 100 or higher	4

3-4

approved courses.....

Cultural Literacy-see AAOT Cultural Literacy	
requirement listing	3-4
Arts and Letters-see AAOT approved Arts and	
Letters listing	9-12
Sciences-see AAOT approved 3 lab and 1 non lab	
Science listing	15-19
Electives-see limitations on AAOT and to bring total to	
90 transfer credits	

Computer Information Science

Transfer Guide for Associate of Science Oregon Transfer Computer Science (ASOT-CS) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Computer Information Science

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Computer Information Science major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science OregonTransfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science Oregon Transfer Computer Science degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the ASOT-CS Cultural Literacy (*) requirement.

ASOT-CS courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to

date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

· ·	,
Transfer Guide for Computer Information Science with Associate of Arts Oregon Transfer degree	Credits
CS 160 Intro to Computer Science ²	4
CS 161C+ Beg. Programming C++*	4
CS 162C+ Beg. Programming C++*	4
CS 260 Data Structures*	4
WR 227 Technical Writing	4
MTH 251 Differential Calculus**	5
MTH 252 Integral Calculus **	5
MTH 231 Discrete Math 1*	4
MTH 232 Discrete Math 2*	4
2 Additional Math courses from the following:	8-9
MTH 253 Infinite Series & Sequences	
MTH 260 Linear Algebra	
MTH 265 Statistics for Scientists and Engineers	
Choose 1 science sequence (3 terms):	12-15
BI 211, BI 212, BOT/Z 213 Biology/Botany/Zoology or	
CH 221, CH 222, CH 223 Chemistry or	
PH 201, PH 202, PH 203 Physics or	
PH 211, PH 212, PH 213 Physics or	
G 201, G 202, G 203 Geology or	
PSY 201, PSY 203 Psychology	
Remaining requirements of Associate of Arts Oregon Transf	er degree
WR 121 English Composition	4
Health/Wellness/Fitness – see AAOT listing	
for approved courses	2

Remaining requirements of Associate of Arts Oregon Transfe	r degree
WR 121 English Composition	4
Health/Wellness/Fitness – see AAOT listing	
for approved courses	3
Oral Communications – see AAOT Communication	
requirement listing	3-4
Cultural Literacy – see AAOT Cultural Literacy	
requirement listing	3-4
Arts and Letters – see AAOT approved Arts and Letters	
listing	9-12
Social Sciences – see AAOT approved Social Science	
listing	12-16
Electives – see limitations on AAOT and credits needed	
to bring total to 90 transfer credits	
* must be completed with a B- or higher	
** must be completed with a C or higher	

** must be completed with a C or higher

Dance

Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to Western Oregon University only with a major in Dance

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Dance major at the Western Oregon University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Art Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for

admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Art Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy requirement.

Associate of Arts OregonTransfer degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Dance majors with	
Associate Arts Oregon Transfer degree	Credits
D 251 Looking at Dance	4
D 257 Dance Improvisation	2
D 160 Dance Composition	3
D 256 Anatomy/Body Fundamentals	4
D 261 Rehearsal and Performance	1-3
D 260 Group Choreography	3
Maximum of 12 credits: D177, D 178,	
D 179 Modern Dance 1, 2 3	12
Maximum of 6 credits: D 185, D 186,	
D 187 Ballet 1, 2, 3	6
Maximum of 6 credits:	6
D 188, D 189 Jazz Dance 1,2; D184, D 194 Hip Hop 1,2;	
D 196 Balinese	
Remaining requirements for Associate of	
Arts Oregon Transfer Degree	Credits
5	Credits 8
WR 121 plus WR 122 or WR 227	
WR 121 plus WR 122 or WR 227 Math 105 or college-level Math course with	
WR 121 plus WR 122 or WR 227 Math 105 or college-level Math course with prerequisite of Math 95	8
WR 121 plus WR 122 or WR 227 Math 105 or college-level Math course with	8
WR 121 plus WR 122 or WR 227	8 4-5
WR 121 plus WR 122 or WR 227	8 4-5
WR 121 plus WR 122 or WR 227	8 4-5 3
WR 121 plus WR 122 or WR 227	8 4-5 3
WR 121 plus WR 122 or WR 227 Math 105 or college-level Math course with prerequisite of Math 95 Health/Wellness/Fitness – see AAOT listing for approved courses Oral Communications – see AAOT Communication requirement listing Cultural Literacy – see AAOT Cultural Literacy	8 4-5 3 3-4
WR 121 plus WR 122 or WR 227	8 4-5 3 3-4
WR 121 plus WR 122 or WR 227 Math 105 or college-level Math course with prerequisite of Math 95 Health/Wellness/Fitness – see AAOT listing for approved courses Oral Communications – see AAOT Communication requirement listing Cultural Literacy – see AAOT Cultural Literacy requirement listing Arts and Letters – see AAOT approved Arts and	8 4-5 3 3-4 3-4
WR 121 plus WR 122 or WR 227	8 4-5 3 3-4 3-4
WR 121 plus WR 122 or WR 227 Math 105 or college-level Math course with prerequisite of Math 95 Health/Wellness/Fitness – see AAOT listing for approved courses Oral Communications – see AAOT Communication requirement listing Cultural Literacy – see AAOT Cultural Literacy requirement listing Arts and Letters – see AAOT approved Arts and Letters listing Social Sciences – see AAOT approved	8 4-5 3 3-4 3-4 3-4

Early Childhood Development and Early Childhood Education

Transfer Guide for Associate of Applied Science (AAS) degree

This Transfer Guide is for students transferring to Southern Oregon University only with a major in Early Childhood Development

NOTE: All students must meet with your major Academic Advising

team at Lane to assure information is accurate and current. Major requirement are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements – these are obtained through your Lane Academic Advising team.

Lane offers students the option to transfer toward a Bachelor degree after completing an Associate of Applied Science (AAS) degree for specific majors going into specific four-year college majors. This enables students to use a greater number of Career Technical courses toward a Bachelor Degree.

This Transfer Guide is for students transferring to Southern Oregon University with a major in Early Childhood Development. Students must meet all admission requirements for the four-year college. Students must also complete all coursework listed below. General Education requirements for the specific four-year college can be completed either at that specific university or with an Associate degree for transfer. For more information about these options, please meet with your program/major Academic Advising team.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions. Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section of this catalog.

Transfer Guide for students with Lane's Associate of Applied Science in Early Childhood Education

Cradite

Additional Major Coursework Includes:

Additional Major Coursework includes.	Credits
COMM 111 Fundamentals of Public Speaking or	
COMM 218 Interpersonal Communication	4
MTH 105 Introduction to Contemporary Math or Higher	4
WR 121 English Composition	4
WR 122 Composition Style & Argument or	
WR 227 Technical Report Writing	4
Arts and Letters AIL, ART, COMM, CW, D, ENG, FA, FR,	
HUM, MUS, PHL, REL, SPAN, TA and WR	9-12
See Academic Advisor for details.	
Social Science Specific Courses within ANTH, BA, CG, CJ,	
CJA, ECON, ES, GEOG, HE, HST, PS, PSY, REL, SOC and	
WS. (Note: CG 203 or ANTH 103 will count towards total	l) 9-12
See Academic Advisor for details.	
Science (At Least 2 Science courses must have labs.)	11-15
Specific Courses within ASTR, BI, BOT, CH, ENVS, G, GS,	
PH, Z	
See Academic Advisor for details.	

Economics

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Economics

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is

not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an Economics major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Economics with Associate of Credits Arts Oregon Transfer (AAOT) ECON 200 Introduction to Economics 3 ECON 201 Principles of Economics: Microeconomics 3 3 ECON 202 Principles of Economics: Macroeconomics MTH 243 Probability and Statistics Choice of one sequence - check with Academic Advising team for best option: MTH 241 and 242 Elementary Calculus 1, 2 and 8 MTH 251, 252, and 253 Calculus 1, 2 and 3..... Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree WR 121 plus WR 122..... Health/Wellness/Fitness – see AAOT listing for 3-4 approved courses..... Oral Communication - see AAOT Communication listing Cultural Literacy – see AAOT Cultural Literacy listing 3-4 Arts & Letters - see AAOT approved Arts and Letters listing..... 9-12 Social Sciences – see AAOT approved Social Science listing 3-4

Sciences – see AAOT approved listing for	
3 lab sciences	12-15
Electives-credits needed to bring total to 90,	
within limitations of AAOT	

Education - Double Degree

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to Oregon State University with a major in Education - Double Degree only. With this major/program, students are required to choose and complete additional requirements for a primary major outside of Education.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an Education - Double Degree major at Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits and include specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer-Business/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective college (UO/OSU) will fulfilled many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college level second language.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Foundational Skills and/or Discipline Studies courses.

Associate of Arts OregonTransfer degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

of AAOT

Associate Arts Oregon Transfer degree. Students are required to choose and complete additional requirements for a primary major outside of Education for this program. WR 121 English Composition 4 Choice of one: WR 122 Composition: Argument and Style WR 227 Technical Report Writing 8 Choice of two: ENG 100 Children's Literature ENG 104 Intro to Literature: Fiction ENG 106 Intro to Literature: Poetry ENG 107 Survey Of World Literature ENG 109 Survey Of World Literature ENG 151 Black American Literature ENG 201 Shakespeare ENG 203 Shakespeare ENG 204 Survey of British Literature ENG 205 Survey of British Literature ENG 250 Intro to Folklore and Mythology Any ART, MUS, or TA. Strongly Suggested:..... 3 MUS 101 Music Fundamentals or ART 111 Intro to Visual Arts Choice of one: COMM 111 Public Speaking COMM 112 Persuasive Speech **COMM 218 Interpersonal Communication** Choice of one: 4 HST 201 or 202 or 203 US History Choice of one:.... 3 ECON 201, ECON 202 Economics PS 201 PS 202 American Government PS 204 Intro to Comparative Politics ED 280 Co-operative Education..... 3 HDFS 226 Child Development 3 MTH 211, 212 and 213 Fundamentals of Elementary Math..... 12 BIO 101 Survey of Biology G 101 Geology..... Choice of one: BIO 102, 103 Survey of Biology G 102, 103 Geology Students may be able to use primary major requirements to fulfill some of these requirements. Remaining requirements for the Credits Associate of Arts Oregon Transfer degree: Health/Wellness/Fitness - see AAOT listing for approved courses..... Cultural Literacy - see AAOT listing for approved Cultural Literacy courses..... Social Sciences - see AAOT listing for approved

Transfer Guide for Education - Double Degree major with

Education: Early Childhood Teaching Preparation

Transfer Guide for Associate of Arts Oregon Transfer degree

This Transfer Guide is for students transferring to Western Oregon University with a major in Early Childhood Education (Teaching Age 3-grade 4) only.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Elemen¬tary

Education and Early Childhood Education major at Western Oregon University. The general education and major courses in the Transfer Guide meet the requirements for the Associates of Arts Oregon Transfer. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits and include specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Business/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science Direct Transfer: UO (AS: UO) degree or the Associate of Science Direct Transfer: OSU (AS: OSU) students admitted to each respective college (UO/OSU) will fulfilled many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college level second language.

Prerequisites are required for some courses. See course descriptions.

See Associates of Arts Oregon Transfer degree requirements for approved Foundational Skills and/or Discipline Studies courses.

Associates of Arts OregonTransfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Early Childhood Education: Teaching Preparation major with Associates of Arts Oregon Transfer.

	Credits
ECE 105 Health and Safety Issues in ECE	2
ECE 120 Fundamentals of Public Speakingor	4
ECE 140 Practicum	3
ECE 150 Creative Activities for Children	3
ECE 170 Infants and Toddlers Development	4
ECE 250 Infant and Toddler Environments	3
HDFS 226 Child DevelopmentMTH 211, 212, 213 Foundational Elementary	3
Math I, II, & III	12
BI 101 General Biology	4
Choice of one:ENG 104, 105 or 106 Introduction to Literature	4
Choice of two:	8
Choice of one:	3
HST 201, 202, 203 History of the United States	8
GEOG 141 Natural Environment	4
PS 201 Us Government & Politics	4
COMM 111 Fundamentals of Public Speaking	4
WR 122 Composition: Argument, Style and Research	4

Choice of one:	3-4
Choose nine credits total:	9
D 185, D 186, D 188, D 189, TA 141, TA 153, TA 227.	
TA 253, TA 280, MUS 101, MUS 108, MUS 134, MUS 135,	
MUS 201, MUS 202, MUS 203, MUS 205, MUS 264,	
MUS 295, MUS 296, or MUS 297	
HE 275 Lifetime Health and Fitness	3
Choice of any 1 credit PE	1
CS 120 Concepts of Computing	4
Students may be able to use primary major requirements to some of these requirements. Remaining requirements for the Associate of Arts Oregon Transfer degree:	
WR 121 English Composition Cultural Literacy - see AAOT listing for approved Cultural Lit	4 eracy

Elementary Education and Early Childhood Education

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to Pacific University only with a major in Education

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not quaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an Elementary Education and Early Childhood Education major at the Pacific University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/ C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness

and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer degree courses must be completed with a minimum grade of Pass or C-. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Elementary Education and Early Childhood Education with Associate of Arts Oregon Transfer degree

Credits

Choice of three to four courses in the following subjects that are also approved to fulfill AAOT Arts and

Letters requirement:	
ART, COMM, HUM, MUS, PHL, REL, TA	12
Recommended: ART 111, ENG 100	
Choice of three to four courses in the following subjects	
that are also approved to fulfill AAOT Social Science	
requirement:	12
ANTH, ECON, GS, GEOG, PS, PSY, SOC	
Recommended: PHL 201 or higher, HST 201, PS 201,	
SOC 204	
Choice of one sequence - see Academic Advising	
team for possible proficiency testing:	15
CW 101, 102, and 103, FR 101, 102 and 103, SPAN 101,	
102 and 103	
ED 200 and 201 Foundations of Education Seminar 1,2	6
Choice of three courses in the following subjects that are	
also approved to fulfill AAOT Science with lab	
requirement:	12
ASTR, BI, G, GS, and PH	
MTH 211, 212 or 213 (three courses needed)	12
WR 121 and WR 122 English Composition	8
Remaining credits for Associate of Arts Oregon Transfer degree:	
Health/Mellness/Fitness - FN 225 Nutrition or HE 250	

or HE 275 (recommended)	4
Oral Communications – (COMM 111 recommended)	3-4
Cultural Literacy – see AAOT Cultural Literacy	
requirement listing	3-4
Recommended Electives: ECE150, ECE 250	4

Engineering, Civil

Transfer Guide for Associate of Science: Oregon State University degree

This Transfer Guide is for students transferring to Oregon State University only with a major in Civil Engineering

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing Horticulture major at the Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: Oregon State University degree. Completing all courses may take longer than two vears.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science Oregon State University degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. Associate of Science: Oregon State University courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide Civil Engineering with Associate of Science:
Oregon State University degree Credits

Pre-Engineering (PRE-E) courses required by College of Engineering for admission into the Professional School and used for Pre-E GPA Calculation:

Additional courses expected by the School for entry into the Professional Program; these courses are prerequisites for junior year course work

CH 222 General Chemistry 2	5
ENGR 115 Engineering Graphics	3
Math 265 Statistics for Scientists and Engineers	4
ENGR 212 Dynamics	4

Required for completion of major requirements for B.S.
degree; recommended, but not required to complete
nrior to admission to Pro School

WR 227 Technical Writing	4
ENGR 101 Engineering Orientation	3
ECON 201 Principles of Economics: Microeconomics	4
ENGR 221 Electrical Fundamentals 1	4

Remaining requirements for Associate of Science: Oregon State University Degree

HE 275 Lifetime Health and Fitness	3
Western Culture – see AS: OSU approved listing	3-4
Cultural Diversity – see AS: OSU approved listing	3-4
Literature and the Arts – see AS: OSU approved listing	3-4
Difference, Power and Discrimination – see AS: OSU	
approved listing	3-4

Engineering, Environmental

Transfer Guide for Associate of Science: Oregon State University degree

This Transfer Guide is for students transferring to Oregon State University only with a major in Environmental Engineering

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing Horticulture major at the Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: Oregon State University degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science: Oregon State University degree requirements for approved Discipline Studies.

Associate of Science: Oregon State University courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Credits

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide Environmental Engineering with Associate of Science Transfer: Oregon State University degree

Pre-Engineering (PRE-E) courses required by College of

Engineering for admission into the Professional School		
and used for Pre-E GPA Calculation:	Credits	
MTH 251 Differential Calculus	5	
MTH 252 Integral Calculus	5	
MTH 253 Infinite Series & Sequences	5	
MTH 254 Vector Calculus 1	4	
MTH 256 Differential Equations	4	
MTH 261 Linear Algebra	2	
PH 211 Physics with Calculus 1	5	
PH 212 Physics with Calculus 2	5	
PH 213 Physics with Calculus 3	5	
CH 221 General Chemistry 1	5	
ENGR 102 Engr. Orient. 2 (Matlab)	4	
ENGR 211 Statics	4	
ENGR 212 Dynamics	4	
WR 121 Intro to Academic Writing	4	
Choice of one:	4	
COMM 111 Fundamentals of Public Speaking or		
COMM 112 Persuasive Speech		
Additional courses expected by the School for entry into the		

Additional courses expected by the School for entry into the Professional Program; these courses are prerequisites for junior year course work:

CH 222 General Chemistry 2	5
CH 223 General Chemistry 3	5
CH 241 Organic Chemistry 1*	5
CH 242 Organic Chemistry 2*	5
CH 243 Organic Chemistry 3*	5

Required for completion of major requirements for B.S. degree; recommended, but not required to complete prior to admission to Pro School:

WR 227 Technical Writing	4
ENGR 101 Engineering Orientation	3
ENGR 115 Engineering Graphics	3
ENGR 213 Strength of Materials	4
BI 234 Introductory Microbiology	4

Remaining requirements for the Associate of Science: Oregon State University Degree

HE 275 Lifetime Health and Fitness	3
Western Culture – see AS: OSU approved listing	3-4
Cultural Diversity – see AS: OSU approved listing	3-4
Literature and the Arts – see AS: OSU approved listing	3-4
Social Processes and Institutions – see approved	
AS: OSU approved listing	3-4
Difference, Power and Discrimination – see AS: OSU	
approved listing	3-4

^{*}Taking CH 241-243 at Lane will satisfy OSU's Biology major requirement but student will receive lower-division credit at OSU. Upon passing the American Chemical Society (ACS) organic chemistry equivalency test offered to Lane students after completion of CH 243, students can receive up to 15 credits of upper-division organic chemistry credits at OSU.

Engineering, Mechanical

Transfer Guide for Associate of Science: Oregon State University

This Transfer Guide is for students transferring to Oregon State University only with a major in Mechanical Engineering

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major

requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing Horticulture major at the Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: Oregon State University degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science: Oregon State University degree requirements for approved Discipline Studies courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Science: Oregon State University courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide Mechanical Engineering with Associate of Science: Oregon State University

Pre-Engineering (PRE-E) courses required by College of Engineering for admission into the Professional School and used for Pre-E GPA Calculation:

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Math 251 Differential Calculus	5
Math 252 Integral Calculus	5
Math 253 Infinite Series & Sequences	5
Math 254 Vector Calculus 1	4
Math 256 Differential Equations	4
Math 261 Linear Algebra	2
PH 211 Physics with Calculus 1	5
PH 212 Physics with Calculus 2	5
PH 213 Physics with Calculus 3	5

CH 221 General Chemistry 1	5
ENGR 102 Engr. Orient. 2 (Matlab)	4
ENGR 211 Statics	4
ENGR 212 Dynamics	4
WR 121 Intro to Academic Writing	4
Choice of one:	4
COMM 111 Fundamentals of Public Speaking	
COMM 112 Persuasive Speech	
Additional courses expected by the School for entry into Professional Program; these courses are prerequisites for	
year course work:	
CH 222 General Chemistry 2	5
ENGR 115 Engineering Graphics	3
ENGR 213 Strength of Materials	4
ENGR 221 Electrical Fundamentals 1	4
	•
Required for completion of major requirements for	·
Required for completion of major requirements for B.S. degree; recommended, but not required to	·
	Credits
B.S. degree; recommended, but not required to	Credits 4
B.S. degree; recommended, but not required to complete prior to admission to Pro School:	
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4 3 4 4
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4 3 4 4
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227Technical Writing	4 3 4 4 egree
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4 3 4 4 egree
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4 3 4 4 egree 3 3-4
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4 3 4 4 egree 3 3-4 3-4
B.S. degree; recommended, but not required to complete prior to admission to Pro School: WR 227 Technical Writing	4 3 4 4 egree 3 3-4 3-4

English

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in English

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an English major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/ Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for English with Associate of Arts Oregon Transfer (AAOT):	Credits
Complete one of the following options:	
ENG 204, 253, 254 or	12
ENG 204, 205, and either 253 or 254	12
Choice of two additional courses:	8
COMM 111 Fundamentals of Public Speaking	
ENG 100 Children's Literature	
FNG 107, 108, 109 Survey of World Literature*	

ENG 121 Detective Fiction

ENG 151 African American Literature*

ENG 194 Literature of Comedy

ENG 195, 196, 197 Introduction to Film Studies

ENG 201, 202, 203 Shakespeare

ENG 213 Survey of Asian Literature*

ENG 215 Latino/a Literature³

ENG 222 Literature and Gender*

ENG 232 Native American Literature*

ENG 240 Nature Literature

ENG 243 Native American Autobiography*

ENG 244 Asian American Literature*

ENG 250 Introduction to Folklore and Mythology*

ENG 257 American Working Class In Fiction and Non-Fiction*

ENG 258 Working Class Lives in Films

ENG 259 African American Journey*

ENG 260 Introduction to Women Writers*

ENG 261 Science Fiction

ENG 267, 271, 272, 273 Film Genre

ENG 270 Bob Dylan: American Poet

FA 263 Film in the Fifties

FA 264 Women Make Movies*

FA 265 African American Film Images*

Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree:

WR 121 plus WR 122	8
MTH 105 or college level math course with prerequisite of MTH 095	4
Health/Wellness/Fitness – see AAOT listing for	0.4
approved courses	3-4
Oral Communication – see AAOT Communication	
listing	4
Cultural Literacy – see AAOT Cultural Literacy listing	3-4
Arts & Letters – see AAOT approved Arts and	
Letters listing	0-4
Social Sciences – see AAOT approved	
Social Science listing	12-16
Sciences – see AAOT approved listing for	
3 lab and one non-lab class	15-16
Electives-credits needed to bring total credits to 90,	
within limitations of AAOT	

Ethnic Studies

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Ethnic Studies

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing an Ethnic Studies major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Ethnic Studies with Associate of Arts Oregon Transfer (AAOT):

ES 101 Introduction to Ethnic Studies	4	
Choice of two 4-credit courses:		
ES 211 or 212 or 213 Chicano/Latino Experience	4	
ES 221 or 222 or 223 African American Experience	4	
ES 231 or 232 or 233 Asian American Experience	4	
ES 241 or 242 Native American Experience	4	
Remaining Requirements for Associate of Arts Oregon Transfer		

Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree:

WR 121 plus WR 122		
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of MTH 095	MTH 105 or college level math course with prerequisite	
approved courses	of MTH 095	4-5
Oral Communication – see AAOT Communication listing	Health/Wellness/Fitness – see AAOT listing for	
listing	approved courses	3-4
Arts & Letters – see AAOT approved Arts and Letters listing	Oral Communication – see AAOT Communication	
Letters listing 9-12 Social Sciences – see AAOT approved Social Science listing 3-4 Sciences – see AAOT approved listing for 4 science courses 15-19	listing	4
Social Sciences – see AAOT approved Social Science listing	Arts & Letters – see AAOT approved Arts and	
listing	Letters listing	9-12
Sciences – see AAOT approved listing for 4 science courses	Social Sciences – see AAOT approved Social Science	
courses	listing	3-4
	Sciences – see AAOT approved listing for 4 science	
Floatives, are dita pooded to bring total to 00, within limitations	courses	15-19
of AAOT	Electives - credits needed to bring total to 90, within limitat	tions

General Science

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in General Science

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a General Science major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts OregonTransfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must

be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for General Science with Associate of	
Arts Oregon Transfer degree:	Credits
MTH 251 Differential Calculus	5
MTH 252 Integral Calculus	5
Complete 3 of the following lower-division Science Sec	quences:
BI 211, BI 212, BOT/Z 213 Principles of Biology	12
CH 221, CH 222, CH 223 General Chemistry	15
PH 201, PH 202, PH 203 General Physics	15
G 201, G 202, G 203 Geology	12
CS 161C+, CS 162C+, CS 260 Computer Science C++	12
Remaining requirements for the Associate of	
Arts Oregon Transfer degree:	Credits
WR 121, plus WR 122 or WR 227	8
Health/Wellness/Fitness – see AAOT listing for	
approved courses	3
Oral Communications – see AAOT Communication	
requirement listing	3-4
Cultural Literacy – see AAOT Cultural Literacy	
requirement listing	3-4
Arts and Letters – see AAOT approved Arts and Letters	
listing	9-12
Social Sciences – see AAOT approved Social Science	40.40
listing	12-16
Electives – see limitations on AAOT and credits needed	
to bring total to 90 transfer credits	

Geography

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Geography

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Geography major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Geography with Associate of	
Arts Oregon Transfer (AAOT):	Credits
GEOG 141 Natural Environment	4
GEOG 142 Introduction to Human Geography*	4
GEOG 151 Digital Earth	4
Choice of one:	3-4
GEOG 201 World Regional Geography	
GEOG 206 Geography of Pacific Asia	
GIS 245 GIS 1	4
GIS 246 GIS 2	4
Remaining Requirements for Associate of Arts Oregon Tra	ansfer
(AAOT) degree:	
WR 121 plus WR 122	8
MTH 105 or college level math course with prerequisite	
of MTH 095	4-5
Health/Wellness/Fitness – see AAOT listing for	
approved courses	3-4
Oral Communication – see AAOT Communication	
listing	4
Arts & Letters – see AAOT approved Arts and Letters	
listing	9-12
Social Sciences – see AAOT approved Social Science	
listing	6-8
Electives-credits needed to bring total credits to 90,	
within limitations of AAOT	

History

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in History

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a History major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities

are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for History with Associate of

Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree:

plus WR 122 or college level math course with prerequisite	8
H 095	4-5
Vellness/Fitness – see AAOT listing for	2.4
ved courses	3-4
nmunication – see AAOT Communication	
	4
Literacy – see AAOT Cultural Literacy	
	3-4
etters – see AAOT approved Arts and	
s listing	9-12
ciences – see AAOT approved Social	
e listing	3-4
s – see AAOT approved listing for 4	
e courses	15-19
s-to bring total credits to 90,	
limitations of AAOT	29
IIIIIIalions of AAOT	29

Horticulture, General Horticulture Option

Transfer Guide for Associate of Science: Oregon State University (AS: OSU) degree

This Transfer Guide is for students transferring to Oregon State University only with a major in Horticulture

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major

requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing Horticulture major at the Oregon State University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: Oregon State University degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science: Oregon State University degree requirements for approved Discipline Studies courses. Associate of Science: Oregon State University courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Horticulture, general horticulture option with Associate of Science: Oregon State

option with Associate of Colemoc. Oregon State		
	University degree	Credits
	WR 121 Intro to Academic Writing	4
	Choice of one math course from list below:	4
	MTH 112 Trigonometry	
	MTH 241 Elementary Calculus 1	
	BI 211 Principles of Biology	4
	BI 212 Principles of Biology	4
	BOT 213 Principles of Biology	4
	CH 221 General Chemistry 1	5
	CH 222 General Chemistry 2	5
	CH 223 General Chemistry 3	5
	Choice of one Political Science course from	
	list below:	4
	PS 201 LLS Government & Politics	

PS 201 U.S Government & Politics PS 205 International Relations

Remaining requirements for the Associate of Science	Direct
Transfer: Oregon State University Degree	

Writing II – see AS: OSU approved listing	3-4
Writing III/Speech – see AS: OSU approved listing	3-4
HE 275 Lifetime Health and Fitness	3
Western Culture - see AS: OSU approved listing	3-4
Cultural Diversity – see AS: OSU approved listing	3-4
Literature and the Arts – see AS: OSU approved listing	3-4
Difference, Power and Discrimination – see AS: OSU	
approved listing	3-4
Electives – see limitations on AS: OSU and credits	
needed to bring total to 90 transfer credits	

Human Physiology

Transfer Guide for Associate of Arts Oregon Transfer (AAOT)degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Human Physiology

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Human Physiology major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. All major courses listed below must

be completed to meet lower division major requirements at the four year college. Some programs/majors at specific four-year colleges may have a separate application process. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Human Physiology* with Associate of Arts Oregon Transfer degree:

Math 251 Differential Calculus	5
BI 211 Principles of Biology	4
BI 213 Principles of Biology	4
BOT/Z 213 Principles of Biology	4
CH 221 General Chemistry 1	5
CH 222 General Chemistry 2	5
CH 223 General Chemistry 3	5
PH 201 General Physics 1	5
PH 202 General Physics 2	5
PH 203 General Physics 3	5
HO 100 Medical Terminology	3

Remaining requirements for Associate of Arts Oregon Transfer degree:

WR 121, plus WR 122 or WR 227	8
Health/Wellness/Fitness – see AAOT listing for	
approved courses	3
Oral Communications – see AAOT Communication	
requirement listing	3-4
Cultural Literacy – see AAOT Cultural Literacy	
requirement listing	3-4
Arts and Letters – see AAOT approved Arts and Letters	
listing	9-12
Social Sciences – see AAOT approved Social Science	
listing	12-16

Electives – see limitations on AAOT and to bring credits needed total to 90 transfer credits

Journalism

Transfer Guide for Associate of Arts Oregon Transfer degree

This Transfer Guide is for students transferring to University of Oregon with a major in Journalism only.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Journalism major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associates of Arts Oregon Transfer. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits and include specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Business/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science Direct Transfer: UO (AS: UO) degree or the Associate of Science Direct Transfer: OSU (AS: OSU) students admitted to each respective college (UO/OSU) will fulfilled many lower division general education requirements and are granted junior status for registration purposes. Some universities may have

^{*} Human Physiology requirements must be completed with a C or better. Only two attempts allowed.

additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to take college level second language.

Prerequisites are required for some courses. See course descriptions.

See Associates of Arts Oregon Transfer degree requirements for approved Foundational Skills and/or Discipline Studies courses.

Associates of Arts Oregon Transfer courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Journalism major with Associates of Arts Oregon Transfer.

The 56 credit UO pre-Journalism block requirements are listed below:

Literature block (ENG prefix)	16
(meets AAOT Arts and Letters requirements)	
History block (HST prefix)	8
(meets AAOT Social Science requirements)	
Economics block (ECON prefix)	8
(meets AAOT Social Science requirements)	
Additional block #1	8
(choose 2 Lab classes from the same prefix BI, CH, G, GS	or PH
to meet AAOT Science requirements)	
Additional block #2	8
(chose 2 classes from the same prefix using the list below	w)
Additional block #3	8
(chose 2 classes from the same prefix using the list below	w) Pre-
fix Subjects: ANTH, ASTR, BI, CH, CIS, COMM, CS, ECON,	, ENG,
ENVS, ES, FR, G, GEOG, GS, HST, HUM, MTH, PHIL, PH, F	S, PSY
REL, SOC, SPAN, TA, WS, and WR	

Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree:

WR 121 plus WR 122	8
Math 105/111	4-5
Health/Wellness/Fitness – See AAOT listing for	
approved courses	3-4
Oral Communication – See AAOT listing for	
approved courses	4
Cultural Literacy – See AAOT listing for	
approved courses	3-4
List any remaining requirements for the Associate degree	listed as
part of the Transfer Guide	

Music

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to Southern Oregon University only with a major in Music

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide

only and is not guaranteed to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Music major at the Southern Oregon University. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer degree requirements for approved Arts and Letters, Speech, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts OregonTransfer degree courses must be completed with a minimum grade of Pass or C-. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Music with an Associate of Arts Oregon

l	rranster degree:	Credits
	MUS 111, 112, and 113 MusicTheory I	12
	MUS 211, 212, and 213 MusicTheory II	9
	MUS 114, 115 and 116 Sight-Reading EarTraining	6
	MUS 224, 225 and 226 Sight-Reading EarTraining	6
	MUS 127, 128 and 129 Keyboard Skills I	6
	MUS 214, 215 and 216 Keyboard Skills II	6
	MUP 100 level Individual Lessons	6
	MUP 200 level Individual Lessons	6

These courses can be taken at Lane or SOU, check with Academic Advising team for best option:

Remaining Requirements for Associate of Arts Oregon Transfer (AAOT) degree: Credits

WR 121 and WR 122 or 227 English Composition..............
Math 105 or college-level Math course with prerequisite

of Math 95	4-5
Health/Wellness/Fitness – see AAOT listing for	4-3
approved courses	3
Oral Communications – see AAOT Communication	
requirement listing	3-4
Cultural Literacy – see AAOT Cultural Literacy requirement	
listing	3-4
Arts and Letters – see AAOT approved Arts and Letters	
listing	3-4
Social Sciences – see AAOT approved Social Science	
listing	12-16
Sciences – see AAOT approved 3 lab and 2 non lab	
Science listing	15-16

Political Science

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Political Science

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Political Science major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with

specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date



information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Political Science with	
Associate of Arts Oregon Transfer (AAOT):	Credits
A. Chose one class in each of the three subfields:	9-12
1. PoliticalTheory	
PS 208 Intro to Political Theory	
PS 225 Political Ideology	
2. United States Politics	
PS 201 U.S. Government and Politics	
PS 202 U.S. Government and Politics	
PS 203 State and Local Government and Politics	
PS 275 Legal Processes Through Civil Rights and Liber	ties
PS 297 Environmental Politics	
3. Comparative Politics	
PS 204 Intro to Comparative Politics PS 205 International Relations	
B. One additional course of interest is recommended	3
	•
Remaining Requirements for Associate of Arts Oregon Tra	ansfer
degree:	
WR 121 plus WR 122	8
Math 105 or college level math courses with	
prerequisite of MTH 095	4-5
Health/Wellness/Fitness – see AAOT listing for	
approved courses	3-4
Oral Communication – see AAOT Communication listing	4
Cultural Literacy – see AAOT Cultural Literacy listing	3-4
Arts & Letters – see AAOT approved Arts and Letters	0.40
listing	9-12
Social Sciences – see AAOT approved Social Science	0.4
listing	3-4
Sciences – see AAOT approved listing for 4 science	15-19
Courses	15-19
of AAOT	

Pre-Professional Health

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Admission into a professional health graduate school is competitive and most programs require a bachelor's degree before applying. Students are encouraged to excel in their science sequences as many serve as prerequisites for graduate programs. Transfer institutions require additional upper division coursework to be accepted into any of the professional health graduate programs and may change prerequisites from year-to-year. Any student interested in transfer must accept responsibility to work very closely with the Lane Academic Advising team for the major/program and be aware of changes in program prerequisites at potential transfer institutions.

Please note Science majors will need to be at a MTH 111 level before starting most science sequences

Commonly selected undergraduate majors:

Pre-Chiropractic: Biology, General Science, Human Physiology Pre-Dentistry: Biology, Biochemistry, Human Physiology Pre-Medicine: Biology, Biochemistry/Biophysics, Human Physiology, Microbiology

Pre-Occupational Therapy: Human Physiology, Psychology Pre-Optometry: Biology, General Science, Human Physiology Pre-Pharmacy: Biology, General Science

Pre-Physical Therapy: Biology, General Science, Human Physiology

Pre-Physician's Assistant: Biology, General Science, Human Physiology

Pre-Veterinary Medicine: Animal Science, Biology, General Science For additional information on specific majors listed above and Pre-Professional Health programs in general, please meet with the Academic Advising team for that area. The commonly selected majors listed above have individual Transfer Guides within this section of the catalog.

Psychology

Transfer Guide for Associate of Arts Oregon Transfer (AAOT) degree

This Transfer Guide is for students transferring to the University of Oregon only with a major in Psychology

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college, and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guaranteed to encompass all major/program requirements these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Psychology major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Arts Oregon Transfer (AAOT) degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Arts Oregon Transfer (AAOT) degree requirements for approved Arts and Letters, Communication, Health/Wellness/Fitness and Social Science courses. One Arts and Letters or Social Science course must also satisfy the AAOT Cultural Literacy (*) requirement.

Associate of Arts Oregon Transfer (AAOT) degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Remaining Requirements for Associate of Arts Oregon Transfer degree:

WR 121 plus WR 122	8
Health/Wellness/Fitness – see AAOT listing for	
approved courses	3-4
Oral Communication – see AAOT Communication listing.	4
Cultural Literacy – see AAOT Cultural Literacy listing	3-4
Arts & Letters – see AAOT approved Arts and	
Letters listing	9-12
Social Sciences – see AAOT approved Social Science	
listing	3-4
Sciences – see AAOT approved listing for 4 science	
courses	12-15
Electives-credits needed to bring total credits to 90,	
within limitations of AAOT	

Theater Arts

Associate of Science: University of Oregon degree

This Transfer Guide is for students transferring to University of Oregon only with a major in Theater Arts

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guarantee to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane Community College offers the lower division major and general education courses needed for students pursuing a Theater Arts major at the University of Oregon. The general education and major courses in the Transfer Guide meet the requirements for the Associate of Science: University of Oregon degree. Completing all courses may take longer than two years.

Transfer degrees require a total of 90 transferable credits, with specific general education requirements in Foundational Skills and Discipline Studies.

With the completion of the Associate of Arts Oregon Transfer (AAOT) degree or the Associate of Science Oregon Transfer -Bus/C.S. degree, students admitted to Oregon public universities are guaranteed to have fulfilled all lower division general education requirements and are ensured junior status for registration purposes. With the completion of the Associate of Science: University of Oregon (AS: UO) degree or the Associate of Science: Oregon State University (AS: OSU) students admitted to each respective university (UO/OSU) will fulfill many lower division general education requirements and are granted junior status

for registration purposes. Some universities may have additional upper division general education requirements or GPA requirements for admission to a specific major. Oregon public universities allow students who have earned the AAOT with a GPA of 2.0 or better to apply for admission.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

See Associate of Science: University of Oregon degree requirements for approved Discipline Studies.

Associate of Science: University of Oregon degree courses must be completed with a minimum grade of Pass or C- with no more than 16 credits P graded. There is a minimum 2.0 GPA requirement for graduation.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for Theater Arts with Associate of Credits Science: University of Oregon (AS: UO) degree TA 141 Acting 1 3 TA 142 Acting II 3 TA 150 Technical Production..... 3 TA 250 Technical Productions II..... 3 TA 121 Intro to Costume Design..... 3 TA 227 Stage Makeup..... 3 TA 272 Intro to Theatre Art 3 Associate of Science: University of Oregon degree remaining requirements: WR 121 plus WR 122 or WR 123..... 8 MTH 105 or college-level Math course with prerequisite of MTH 095..... 4-5 Arts and Letters – see AS: UO approved Arts and Letters listing..... 15 Social Sciences - see AS: UO approved Social Science listing..... 15 Sciences – see AS: UO approved Science listing 15 Electives - see limitations on AS: UO and credits needed to bring total to 90 transfer credits

School of Professional and Technical Careers

Lane Community College offers students the option to transfer toward a Bachelor degree after completing an Associate of Applied Science (AAS) degree for specific majors going into specific four-year college majors. This enables students to use a greater number of CareerTechnical courses toward a Bachelor degree.

The Transfer Guides in this section include Lane Career Technical programs that lead toward a specific Bachelor degree at a specific four-year college. These guides include major requirements for the program requirements and general education requirements for the specific four-year college.

Some of these programs are offered in an online format by the four-year college and universities. Some of these programs are in a classroom format.

Major requirements for first- and second-year coursework vary from college to college and from academic year to year. Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year institutions may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four-year institution.

It is imperative that students consult with the major Academic Advising team at Lane to assure the appropriate coursework is being chosen. For information about the Academic Advising teams, please see the "Transfer" section in this catalog. The guides are not meant as a substitute to meeting with the major Academic Advising team.

Transfer Guides in this section include various majors for specific four-year colleges and universities in Oregon. Lane Community College offers courses and transfer information for transfer majors and/or four-year colleges that may not, at this time, be listed in the catalog. Please meet with the Lane Academic Advising team for the major/program or four-year college you are interested in to determine more possibilities. Lane does not endorse any specific four-year college or university.

Associate of Applied Science in any field except Business and Accounting to Bachelor of Applied Science in Management

This Transfer Guide is for students transferring to Southern Oregon University.

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guarantee to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane offers students the option to transfer toward a Bachelor degree after completing an Associate of Applied Science (AAS) degree for specific majors going into specific four-year college majors. This enables students to use a greater number of Career Technical courses toward a Bachelor degree.

This Transfer Guide is for students transferring to Southern Oregon University with a major in Management and an Associate of Applied Science in any field except Business and Accounting. Student must meet all admission requirements for the four-year college, including but not limited to: WR 121, Math 100 or higher, and GPA requirement. Students must also complete all coursework listed below. General Education requirements for the specific four-year college can be completed either at that specific university or with an Associate degree for transfer. For more information about these options, please meet with your program/major Academic Advising team.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for students with Lane's Associate of Applied Science in any field except Business or Accounting.

Additional required major coursework includes:	Credits
Choice of one:	4
COMM 111 Public Speaking or	
COMM 218 Interpersonal Communications or	
COMM 219 Small Group Discussion	
ECON 200, 201 and 202 Economics	9
BA 211 Financial Accounting	4
BA 213 Managerial Accounting	4
BT 223 MS Excel for Business Expert	4
Math 243 Probability and Statistics	4
WR 121 English Composition	4
WR 122 English Composition	4
Additional required courses for transfer to Southern Oreg University with a major in Management:	jon
Humanities – see Academic Advising team for options	9-12
Social Science	3-4
Sciences (including 2 Lab courses) – see Academic	
Advising team for options	11-12

Associate of Applied Science in Dental Hygiene to Bachelor of Science in Dental Hygiene

This Transfer Guide is for students transferring to Oregon Institute of Technology

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guarantee to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane offers students the option to transfer toward a Bachelor degree after completing an Associate of Applied Science (AAS) degree for specific majors going into specific four-year college majors. This enables students to use a greater number of Career Technical courses toward a Bachelor degree.

This Transfer Guide is for students transferring to Oregon Institute of Technology with a major in Dental Hygiene and an Associate of Applied Science in Dental Hygiene. Student must meet all admission requirements for the four-year college, including but not limited to: WR 121, Math 100 or higher, and GPA requirement. Students must also complete all coursework listed below. General Education requirements for the specific four-year college can be completed with either a to that specific university or with an Associate degree for transfer. For more information about these options, please meet with your program/major Academic Advising team.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for students with Lane's Associate of Applied Science in Dental Hygiene.

Additional required major coursework includes:	Credits
B! 112 Cell Biology for Health Occupations	3
BI 231, 232, 233 Human Anatomy and Physiology	12
BI 234 Microbiology	4
CH 112 Chemistry for Health Occupations	3
FN 225 Nutrition	4
MTH 52 Math for Intro Physical Sciences or Higher	4
Choice of one: SOC 204, 205 or 206 Sociology	3-4
Choice of one: PSY 201, 202 or	
203 General Psychology	4
Choice of one:	4
COMM 100 Basic Communications	
COMM 111 Public Speaking	
WR 121 English Composition	4
Choice of one:	4
WR 123 Composition: Research	
WR 227 Technical Writing	

Additional required courses for transfer to Oregon Institute of Technologyonly with a major in Dental Hygiene:

HO 100 Medical Terminology	3
MTH 095 Intermediate Algebra	5
Any PSY 100 or higher (in addition to PSY requirement	
listed above)	3-4
COMM 111 Public Speaking (only needed if not chosen	
for requirement listed above)	4
WR 122 English Composition	4
Choice of one sequence:	15-17
BI 112 Cell Biology, BI 211 Principles of Biology,	
CH 112 Chemistry for Health, and CH 221 General	
Chemistry or CH 221, 222 and 223 General Chemistry	
Arts and Letters	3-4

Associate of Applied Science in Flight Technology to Bachelor of Applied Science in Technology and Management

This Transfer Guide is for students transferring to Oregon Institute of Technology

NOTE: All students must meet with your major Academic Advising team at Lane to assure information is accurate and current. Major requirements are different from four-year college to four-year college and may change every year. Associate degree requirements can also change from year to year. This is a Guide only and is not guarantee to encompass all major/program requirements - these are obtained through your Lane Academic Advising team.

Lane offers students the option to transfer toward a Bachelor degree after completing an Associate of Applied Science (AAS) degree for specific majors going into specific four-year college majors. This enables students to use a greater number of Career Technical courses toward a Bachelor degree.

This Transfer Guide is for students transferring to Oregon Institute of Technology with a major in Technology and Management and an Associate of Applied Science in Flight Technology. Student must meet all admission requirements for the four-year college, including but not limited to: WR 121, Math 100 or higher ,and GPA requirement. Students must also complete all

coursework listed below. General Education requirements for the specific four-year college can be completed with either a to that specific university or with an Associate degree for transfer.

Students who graduated high school or received a GED in 1997 or thereafter are required to have a second language for admission to public universities in Oregon. Some students may have met this requirement in high school. Consult with an academic advisor or counselor to determine whether or not you need to complete college-level second language coursework.

Prerequisites are required for some courses. See course descriptions.

Grading options and GPA requirements for majors may differ from degree requirements. Some programs/majors at specific four-year colleges may have a separate application process. All major courses listed below must be completed to meet lower division major requirements at the four year college. Please meet with the major Academic Advising team for up to date information. For information about the Academic Advising teams, please see the "Transfer" section in this catalog.

Transfer Guide for students with Lane's Associate of Applied Science in Flight Technology:

Additional required major coursework includes:	Credits
Math 111 College Algebra	5
ECON 200, 201 and 202 Economics	9
BA 101 Intro to Business	4
BA 206 Management Fundaments	3
BA 211 Financial Accounting	4
BA 213 Managerial Accounting	4
BA 223 Marketing	4
BA 226 Business Law	4
BT 123 MS EXCEL	4
CIS 125D Software Tools: Databases	4
COMM 111 Public Speaking	4
WR 122 Composition: Argument, Style and Research	4
WR 227 Technical Writing	4
Additional required courses for transfer to Oregon Institut Technologyonly with a major in Technology and Managen	
Arts and Letters – see Academic Advising team for choices	6
Science with lab – see Academic Advising team	

for choices

Areas of Interest

The Areas of Interest allow for a broader exploration into a specific theme with courses crossing multiple disciplines and subjects. In some of the Areas of Interest, multiple Lane departments work together to provide a cohesive learning environment related to a theme or subject matter. In other Areas of Interest, all courses are within one subject or discipline.

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

American Indian Experience

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

Students who directly benefit from the American Indian Experience Area of Interest include:

- · students who wish to study an American Indian language;
- students who prefer a less institutional educational experience that is more in keeping with American Indian culture and tradition; and
- anyone who has a strong interest in American Indian cultures, histories, languages, or literatures.

A notable feature of this area of interest is the opportunity to participate in two excellent Learning Communities. Learning Communities link subjects and classes to integrate assignments and ideas. Students work closely with and learn from both faculty and peers to gain deeper understanding of the combined subject matter.

The Learning Communities for this Area of Interest are:

Native Circles CG 101: College Success Native American Style An entry for students into career planning and college success accomplished in an American Indian cultural context.

Reconnecting with Nature: consisting of BI 103G Global Ecology; REL 243 Nature, Religion, and Ecology; and PS 297 OR PS 297_H Environmental Politics. The Learning Community provides exploration of reconnecting with nature from the perspectives of science, spirituality, and political activism.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

American Indian Languages

CW 101, 102 and 103 Chinuk Wawa - first year

CW 201, 202 and 203 Chinuk Wawa - second year

CW 280 Cooperative Education, integrates classroom learning with field experience

ART 203 or ART 203_H Survey of American Indian Art and Architecture: North and Central America

ANTH 231 American Indian Studies, northeastern and southeastern states

ANTH 232 American Indian Studies, central and southwestern

ANTH 233 American Indian Studies, west of the Rockies BI 103G Global Ecology, examine nature through Indian eyes and western science

ES 211 Chicano/Latino Experience: Historical and Ideological ES 241 Native American Experience: Consequences of Native Americans and European Contact

ES 242 Native American Experience: 19th Century Federal-Indian Relations

ES 243 Native American Experience: Contemporary Native American Issues

ES 244 Native American Storytelling

ENG 232 Native American Literature

Important American Indian support at Lane Community College is provided by:

- Native American Program, a program dedicated to counseling Lane's American Indian and Alaska Native students.
- Native American Student Association (NASA), an America Indian student organization and club open to all students that fosters traditional values and unity among students
- Longhouse: Lane Community College has an American Indian long house on campus for Native programs and activities
- Rites of Passage: Umista is a Summer Academy for Native American youth in middle and high schools

Exercise and Sport Science

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

BI 112 Cell Biology for Health Occupations and CH 112 Chemistry for Health Occupations

BI 231, 232 and 233 Human Anatomy and Physiology

BI 234 Microbiology

CH 221, CH 222 and CH 223 General Chemistry

COMM 111 Fundamentals of Public Speaking OR COMM 218 Interpersonal Communication

COMM 130 Business and Professional Speech OR COMM 115 Introduction to Intercultural Communication OR

COMM 220 Communication, Gender and Culture

HE 275 Lifetime Health and Fitness

MTH 097 Geometry

MTH 111 College Algebra

MTH 112 Trigonometry

PH 201 General Physics

PHL 201 Ethics

PSY 201 General Psychology

PSY 215 Lifespan Developmental Psychology

WR 121 OR WR 121_H Introduction to Academic Writing WR 122 OR WR 122_H Composition: Argument, Style and

Research OR WR 227 Technical Writing

Health Education

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

As our world becomes more connected and the use of technology increases, individuals and societies can become negatively impacted. The number of illnesses and deaths from chronic diseases, such as heart disease, cancer, diabetes, and stroke are in part, outcomes of personal health behavior and choices.

In addition, new and emerging infectious diseases are stretching the available resources to combat them. Therefore, the achievement of attaining and nurturing all areas of health remains a worldwide priority in the twenty-first century. The Area of Interest for Health Education is designed for students who would like to further their knowledge in multiple health areas.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

HE 275 Lifetime Health and Fitness

HE 252 First Aid

HE 250 Personal Health

HE 222 Consumer Health or HE 240 Holistic Health

HE 152 Drugs Society and Behavior

HE 209 Human Sexuality

HE 125 Workplace Health and Safety

HE 255 Global Health

WR 121 OR WR 121 H Introduction to Academic Writing

WR 122 OR WR 122_H Composition: Argument, Style, and

Research OR WR 227 Technical Writing

MTH 105 Introduction to Contemporary Mathematics OR MTH 111 College Algebra* (or any higher Math course)

Peace Studies

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

The Area of Interest in Peace Studies is defined in broad terms extending beyond the study of war, recognizing that peace is rooted in social, economic, racial, gender, and environmental justice.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

The following three classes focus on the underlying causes of war and conflict, and on steps toward building peace.

PS 211 Peace and Conflict Global

PS 212 Peace and Conflict National

PS 213 Peace and Conflict Local

The following courses focus on social, economic, racial, gender and environmental justice as issues that must be addressed to build lasting peace.

ANTH 103 Cultural Anthropology

COMM 115 Introduction to Intercultural Communication

ENG 222 Literature and Gender

ECON 250/ES 250 Class, Race, and Gender in the U.S. Economy

ES 101 Historical Race and Ethnic Issues

ES 102 Contemporary Race and Ethnic Issues

HIST 195 History of Vietnam

PS 275 Legal Processes through Civil Rights and Liberties

PS 297 OR PS 297_H Environmental Politics

REL 243 Nature, Religion and Ecology

SOC 207 Women and Work

SOC 213 Race and Ethnicity

SOC 215 Social Class

SOC 216 Global Social Movements

WS 101 Introduction to Women's Studies

Pre-Journalism

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

J 216 Newswriting

MTH 105 Introduction to Contemporary Math or MTH 111

College Algebra

WR 121 OR WR 121_H Introduction to Academic Writing

WR 122 OR WR 122_H Composition: Argument, Style and Research Choice of two in the same subject from this listing:

ASTR 100 or higher - Astronomy

BI 100 or higher - Biology

CH 100 or higher -Chemistry

ENVS 100 or higher - Environmental Science

G 100 of higher - Geology

GS 100 or higher - General Science

PH 100 or higher - Physics

Two courses at 4 credits each from:

ECON 100 or higher - Economics

Four courses at 4 credits each from:

ENG 100 or higher - Literature

Two courses at 4 credits each:

HST 100 or higher - History

Speech and Communication Studies

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to

a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

Lane Community College's four core learning outcomes emphasize the critical nature of communication to one's education and success in the workplace. To achieve competence in communication, students need more than a one-course requirement in a Speech and Communication Studies class. This Area of Interest provides an opportunity for students to enhance speech and communication skills.

Cooperative Education (Co-op): Students may elect to complete a one-term internship related to the field of Speech and Communication Studies. This work is completed under the joint supervision of the Cooperative Education program at Lane and a Speech and Communication Studies faculty member. This opportunity enables students to apply the classroom knowledge to a practical work experience. Students may also be able to obtain letters of recommendation from the supervising employer.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

COMM 115 Intercultural Communications OR COMM 220

Communication, Gender and Culture

COMM 100 Basic Communications OR COMM 111 Fundamentals of Public Speaking OR COMM 112 Persuasive Speech

Plus choice of four courses from those listed below.

COMM 100 Basic Communication

COMM 105 Listening and Critical Thinking

COMM 111 Fundamentals of Public Speaking

COMM 112 Persuasive Speech

COMM 115 Introduction to Intercultural Communication

COMM 130 Business and Professional Speech

COMM 218 Interpersonal Communication

COMM 219 Small Group Communication

COMM 220 Communication, Gender and Culture

COMM 221/222/223 Forensics

COMM 262 Voice and Articulation

Women's Studies

The Areas of Interest do not fulfill major requirements for specific four-year colleges and do not fulfill degree requirements. If you are interested in finding out more about transferring to a four-year college in Oregon and/or pursuing a specific major, please meet with the Academic Advising team for that area.

Women's Studies is an interdisciplinary field that explores how gender relations structure our lives. Through feminist scholarship and a focus on women, this Area of Interest challenges and transforms existing thought and practices across academic boundaries. The courses contained within this Area of Interest address the manner in which gender—entangled with issues of race and class—remains a critical lens of analysis in the artistic, literary, religious, political, economic, and interpersonal aspects of society.

NOTE: Prerequisites are required for some classes. See course descriptions.

Courses for this Area of Interest include:

COMM 220 Communication, Gender, and Culture

ENG 222 Literature and Gender OR ENG 260 Introduction to Women Writers

ES 250/ECON 250 Class, Race, and Gender in the U.S. Economy FA 264 Women Make Movies

HST 266 U.S. Women's History

MTH 105 Intro to Contemporary Mathematics

SOC 108A Selected Topics in Women's Studies, Women's Bodies Women's Selves

SOC 207 Women and Work

SOC 218 Sociology of Gender

WR 121 OR WR 121_H Composition: Introduction to Academic Writing

WR 122 OR WR 122_H Composition: Argument, Style, and Research

WS 101 Introduction to Women's Studies

Course Descriptions

To request this information in an alternate format please contact the Center for Accessible Resources at 541.463.5150 or accessibleresources@lanecc.edu.

Accounting

Also see Computers: Software Applications

For information, contact the Business and Computer Information Technology Division, Bldg. 19/Rm. 137, 541.463.5221.

BA 280AC Co-op Ed: Accounting3-12 credits Prerequisite: BT 206. In this internship course students will gain accounting-related work experience in area businesses and organizations. Students will integrate theory and practice, develop skills and expand career knowledge while earning credit toward a degree. Meet with Business Co-op Coordinator the term before starting your internship.

Acting - See Theatre Arts

Administrative Support

For information, contact the Business and Computer Information Technology Division, Bldg. 19/Rm. 137, 541.463.5221.

BA 280AA Co-op Ed: Administrative Office3-12 credits Prerequisite: BT 206. In this internship course students will gain administrative support work experience in area businesses and organizations. Students will integrate theory and practice, develop skills and expand career knowledge while earning credit toward a degree. Meet with Business Co-op Coordinator the term before starting your internship.

 exercises and assignments, students will gain increased confidence in operating computers and prepare for entry-level computer courses. Focus is on student success.

BT 230 Sustainable Paperless Office Practices

BT 271 Administrative Office Professional

Agriculture Equipment/Mechanics - See Diesel and Heavy Equipment

Air Conditioning - See Automotive, Diesel

Anatomy/Physiology/Microbiology

For information, contact the Science Division, Bldg. 16/Rm. 156, 541.463.5446.

BI 231 Human Anatomy and Physiology 1......4 credits Prerequisite: Grade of 'C-' or better in BI 112 and CH 112. Foundational first course in anatomy/physiology. Topics include human body organization, histology and the integumentary, skeletal, articular, and muscular body systems; nervous system fundamentals and autonomic nervous system. Common clinical applications associated with these topics are presented.

Anthropology

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541 463 5427

with native cultures of North America. This course focuses on the people and cultures indigenous to America west of the Rockies: California, Pacific Northwest, Plateau, and Great Basin areas. Kwakiutl, Nez Perce, Shoshone, and Pomo cultures are emphasized. Course design as described for ANTH231. May be taken out of sequence.

Apprenticeship

For information about course content or other questions, visit *boli.state.or.us* and *lanecc.edu/apprenticeship* or call 541.463.5843.

APR 117 Carpentry Framing and Introduction to Concrete .3 credits Designed for Oregon state-recognized apprentices employed in the carpentry trade. The curriculum is competency-based and modular in format. This course introduces students to framing roofs, windows and exterior doors, as well as an introduction to concrete.

APR 119 Carpentry Commercial Plans and Exterior Finish..3 credits Designed for Oregon state-recognized apprentices employed in the carpentry trade. The curriculum is competency-based and modular in format. This course introduces students to common materials used in residential and light commercial roofing. Application methods, commercial plans, insulation and vapor barrier materials and installation will also be covered, as well as exterior finish materials and application procedures

APR 133 Electrical Generators, Transformers,

APR 134 Electrical Generators, Transformers

APR 135 Electrical, Generators, Transformers,

 and blueprint reading will be reviewed along with the NEC codes that regulate the trade. Students learn a knowledge base consisting of the basic theory, vocabulary and safety practices common to limited energy installations.

APR 151 Millwright Machine Theory and

APR 152 Millwright: Power Transmissions and

of the Uniform Plumbing Code (UPC) with Oregon Amendments; administration, definitions and general regulations.

APR 170 Introduction to Sheet Metal Apprenticeship...........4 credits Designed for Oregon state-recognized apprentices employed in the sheet metal trade. The course content will include introduction to the sheet metal trade, trade terminology, safe working habits, and basic tools and equipment for forming and installing sheet metal air ducting. Students will obtain a basic understanding of duct layout principles.

APR 185 Shielded Metal Arc Welding 11-4 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. Skill development in SMAW, oxy-acetylene cutting, understanding and practicing safe work methods in the welding shop and welding in all positions (flat, horizontal, overhead, and vertical), using the shielded metal arc process.

APR 186 Wire Drive Welding 11-4 credits
Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087

And EL115 OR Prior College. Skills development in gas metal arc welding (GMAW) of carbon steel. Students will be instructed in proper care, set-up and use of GMAW equipment. Preparing weld test specimens and performing weld tests is included in this course.

APR 187 Fundamentals of Metallurgy......1-3 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. Physical, chemical and mechanical nature of carbon and alloy steels. Includes study of the purpose and practice of various thermal treatments and cold working processes common to metal using industries.

and application. Course focuses on the design of HVAC residential and commercial systems. Emphasis will be placed on the `sizing' of HVAC systems for specific applications. In addition, soldering and brazing will be covered, along with techniques of fusing copper, brass, and plastic. This class is designed for Oregon state-recognized apprentices employed in the HVAC/R trade.

APR 220 Electrical Apprenticeship Code and

Exam Preparation......2-3 credits Designed for Oregon state-recognized apprentices employed in a trade or industry related occupation. This course is designed to instruct students in techniques for interpreting and understanding the National Electrical Code (NEC). Students will participate in practice exams to illustrate the development and layout of the NEC. APR 220 is presented in 2 or 3 credit blocks preparing students for the electrical licensing examination administered by the State of Oregon Building Codes Division.

APR 226 Electrical Grounding/Bonding and

APR 250 Millwright: Industrial Print Reading,

 drawings used to show piping, hydraulic, and pneumatic systems, industrial automation, and conveyer system. Discussion and lab work will include an overview of several types of prints, their symbols and abbreviations, the components that make up a print and the various lines used within them. Students will practice take-off's and bid proposals by using various sets of industrial prints to provide cost estimations.

APR 263 Plumbing Code and Test Preparation2-4 credits Designed for Oregon state-recognized apprentices employed in the plumbing trade. This course is a comprehensive review of the Uniform Plumbing Code and theory of plumbing to prepare students for the Oregon Building Codes Journey level Plumbing exam.

the context of today's industry. The course will include discovery of various types of materials, profiles of roofing panels, water conductors, various types of roof flashings, related trades that are integral with this trade. The philosophy of layout in the field and the application of actual installations, safety equipment and practices applicable to this trade are also discussed.

APR 271 Sheet Metal Building Codes and Installation.........4 credits Designed for Oregon state-recognized apprentices employed in the sheet metal trade. This course is an overview of the mechanical codes as related to the HVAC industry in commercial and residential applications. In addition, installation manuals will be explored as to proper installation and usage of HVAC equipment.

APR 291 Programmable Controllers 2.....1-4 credits Prerequisite: ET234 or APR 290. This class provides an introduction to the robot and its capabilities and explores the various tasks that robots are programmed to perform.

Architecture - See Drafting

Art History

For information, contact the Art and Applied Design Department, Bldg. 11/ Rm. 101, 541.463.5409.

ARH 202 Survey of Western Art.......3 credits
An introduction and examination of works of art that have come
to define the Western visual tradition from the 5th century B.C.E.
Ancient Greece and Rome to the 20th century Modern Era. May be
offered through Distance Learning.

ARH 203 Survey of American Indian Art and

ARH 203_H Survey of American Indian Art and

Art, Studio

For information, contact the Art and Applied Design Department, Bldg. 11/Rm. 101,541.463.5409.

 recommended for first year art majors, taken prior to ART116 and concurrently with ART111 or ART131.

critiques, discussions and presentations will expand the students' perceptions of the artistic process and drawing practice and theory within historical and cultural contexts. This course is recommended before taking any 200 level painting or printmaking course. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 9 total credits.

ART 255 Alchemy of Ceramics: Materiality,

ART 273 Printmaking: Intermediate Traditional and

ART 274 Printmaking: Intermediate Woodcut and Linocut .3 credits Prerequisite: ART 271. A course in intermediate level printing

techniques. It explores traditional as well as contemporary issues in Relief printmaking. The class is an in-depth study for students wanting to continue with Relief printmaking. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 9 total credits.

 and enhance a comprehensive foundation in the medium. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 9 total credits.

Astronomy - See Physics

Audio - See Media Arts

Auto Collision and Refinishing

For information, contact the Advanced Technology Division, Bldg. 15/Rm. 201, 541.463.5380. You must be accepted into the Auto Collision and Refinishing program to take these classes.

AB 280 Co-op Ed: Auto Body and Fender3-12 credits This course provides students with auto body-related learning in community businesses. Students will have the opportunity to integrate theory and practice gained in the classroom with practical experience in the professional world. Students will develop skills, explore career options and network with professionals and employers while earning credit toward a degree.

Automotive

For information, contact the AdvancedTechnology Division, Bldg. 15/Rm. 201, 541.463.5380. You must be accepted into the Automotive program to take these classes.

brakes, drum brakes, antilock braking systems, parking brakes, and brake electrical and electronic components.

AM 149 Manual Drive Trains and Axles1-6 credits Manual transmissions and transaxles and other drive train components. Included are design, function, diagnosis, service and overhaul procedures for manual transmissions, differentials, clutches, drive shafts and axles. Also covered are four wheel drive and all wheel drive components.

AM 246 Heating and Air Conditioning1-4 credits Automotive heating and air conditioning systems. Theories and principles used to operate, diagnose, test, and repair systems. Included: temperature and pressure fundamentals; the refrigeration system; system components; compressors and clutches; system servicing, testing, and diagnosing; case and duct systems; retrofit CFC-12 to HFC-134a; system controls; and engine cooling and comfort heating systems.

Aviation Maintenance

Also see Flight

For information, contact the Lane Aviation Academy, Airport Road, 541.463.4195. You must be accepted into the Aviation Maintenance program to take these classes.

 Technical information and laboratory projects to apply and understand theories, principles, and concepts.

AV 280 Co-op Ed: Aviation Maintenance3-12 credits This course offers aviation maintenance learning experiences that integrate theory and practice providing opportunities to develop skills, explore career options and network with professionals and employers. Students earn college credit, which may apply toward a degree.

Biology

For information, contact the Science Division, Bldg. 16/Rm. 156, 541.463.5446.

organisms demonstrate processes and systems that involve photosynthesis, respiration, cell division, genetics, cell structure and protein synthesis. Includes influences of physical, chemical, and geological oceanography on ocean life.

- **BI 101J General Biology-Unseen Life on Earth.......**4 credits An introduction to the cellular biology of the smallest organisms on earth. Microbes are crucial to human health, food supplies and the survival of all life forms. Students explore the diversity and contributions of microbes such as bacteria, fungi, and viruses. Online course with lab activities conducted at home.

- BI 102_H General Biology: Genetics and Society-Honors 4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. See *lanecc.edu/honors* for information. Students learn human body systems with an emphasis on genetic inheritance patterns, genetic conditions and the systems they affect. Course integrates current issues in genetics and their impact on ethics and values; labs feature problem solving, critical thinking. This course also meets Lane Degree requirements that are fullfilled by the same course number without the _H.

BI 103M General Biology: Biodiversity and

Botany - See Biology

Broadcasting - See Media Arts

Business

Also see Accounting, Administrative Assistant, Computers

For information, contact the Business and Computer Information Technology Division, Bldg. 19/Rm. 137, 541.463.5221.

 course covers the opportunities and challenges posed by a multi-cultural work force and the responsibilities of management in handling and motivating employees in the current business environment. Students should gain skills that can be immediately utilized to effectively work with and manage people. May be offered online. NOTE: This course may be an acceptable substitution for BT 245 Office Management which is no longer offered. Please see the Business Academic Advisor for options.

CAD, CADD - See Drafting

CAM - See Manufacturing

CNC - See Manufacturing

Career Development

For information, contact the Counseling Department, Bldg. 1/Rm. 103, 541.463.5299.

Chemistry

For information, contact the Science Division, Bldg. 16/Rm. 156, 541.463.5446.

CH 106 Introduction to Organic and Biological Chemistry .. 5 credits Prerequisite: Grade of C- or better in CH 104 or instructor consent. The second term of the standard General, Organic and Biological Chemistry sequence. This introduction to organic and biological chemistry includes hydrocarbons, alcohols, aldehydes, carboxylic acids, carbohydrates, lipids, proteins and an introduction to metabolic pathways. Lecture and lab.

CH 114 Introduction to Forensic Chemistry......4 credits Prerequisite: MTH 020 or above with grade of "C-" or better or pass placement test. An introduction to chemistry in a forensic context. Topics may include measurement, density, soil chemistry, chromatography, the chemistry of fire, DNA, and organic and inorganic data collection and analysis. Relationships between scientific disciplines are explored. Lecture and laboratory.

emphasizing hydrocarbons, with bonding theory, nomenclature, and reaction mechanisms. Lecture and laboratory.

CH 280 Co-op Ed: Physics-Chemistry3-12 credits This internship course offers a work experience that integrates theory and practice in the fields of physics or chemistry. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit.

Child Development - See Early Childhood Education

College Preparation - See Study Skills and College Prep

College Success

For Information, contact the Counseling Department, Bldg. 1/Rm. 103, 541.463.5299.

Communication

For information, contact the Language, Literature and Communication Division, Center Bldg./Rm. 457, 541.463.5419.

 variety of settings and through exercises with diverse speakers and subjects.

COMM 111_H Fundamentals of Public Speaking-Honors 4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. See <code>lanecc.edu/honors</code> for information. This course is designed to help students learn to express their ideas to an audience with confidence and clarity. The aim of this course is to teach students to speak in a public setting by preparing presentations on a number of diverse topics for use on a variety of occasions. This course provides students with opportunities to learn how to analyze an audience and tailor their messages to that audience. In addition, students will learn to become critical listeners by analyzing and critiquing other students' presentations.

COMM 115 Introduction to Intercultural Communication...4 credits This course addresses how work, study or travel influences intercultural interactions. A variety of topics will illustrate how differing values, beliefs, attitudes, and social systems effect verbal and nonverbal human communication behaviors. Students will develop awareness, understanding, and sensitivity to cultural diversity of cocultures as well as different nations. May be offered online.

COMM 130 Business and Professional Communication4 credits Business and Professional Communication is designed to increase student understanding and implementation of effective communication behaviors and skills. Throughout the term students will learn to recognize, understand, and perform communication in settings common to business and the professions. Instruction includes interpersonal communication, small group communication, interviewing, proposal presentation and more. In addition, attention will be given to presentational aids, both traditional and computer generated. May be offered online.

English Language Learners, as well as others who want to improve the sound of their speech.

Computer Hardware Repair - See Electronics

Computers: Introduction/Information Systems/Computer Science

For information, contact the Business and Computer Information Technology Division, Bldg. 19/Rm. 137, 541.463.5221.

 controls, graphical methods, animation issues, and script writing for game building tools. Students will work with an industry standard game development engine and will design and create several games.

CIS 140W Introduction to Operating Systems:

CS 120 Concepts of Computing: Information Processing4 credits This course provides a wide range of topics in the Computer Information Technology field: including the basics of computer hardware and software, operating systems, word processing, spreadsheets, database management, network and internet communications, security, and the impact of information technology on individuals and society. NOTE: For the Associate of Arts Oregon Transfer degree (AAOT), CS 120 is now counted as an open elective. Offered as hybrid and online.

(formerly CS 195) or instructor consent. This course provides students with the concepts and skills required to create dynamic, interactive Web pages using client side JavaScript. May be offered online.

CS 206 Co-op Ed: Computer Information

is designed to help students present themselves to employers in a competent and professional manner, and to move initially into their cooperative education internships, and then, their professional careers.

CS 235AM Intermediate Mobile Application

CS 235IM Introduction to Mobile Applications

CS 240U Advanced Unix/Linux: Server Management...........4 credits Prerequisite: CIS 140U and CS 179, or instructor consent. Covers network administration of Unix/Linux. Topics: Operating system installation, configuration, troubleshooting, and network server configuration (for example: DHCP, DNS, NFS, Samba, Apache, databases, and security). The course has a hands-on focus.

CS 240W Advanced Windows: Server Management..................4 credits Prerequisite: CIS140W or CS 179 or instructor consent. This course covers advanced Windows Server operating system and networking concepts. Topics covered include: installation, configuration, virtualization, Active Directory, scripts, DNS, file systems, group policy, networking, web servers, and DHCP. May be offered online.

of key networking concepts and tools enabling them to be successful in the more advanced networking courses and as networking professionals. Example topics: Network design/mapping, TCP/IP protocols, IP addressing, port numbers, routing protocols, and protocol analysis software.

CS 280CN Co-op Ed: Computer Network Operations3-12 credits This internship course offers a work experience that integrates theory and practice in the field of computer networking. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

CS 280GD Co-op Ed: Computer Simulation &

CS 280Hl Coop Ed: Health Informatics......3-12 credits This internship course offers a work experience that integrates theory and practice in the field of health informatics. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

CS 280IS Co-op Ed: Computer Information Systems3-12 credits This internship course offers a work experience that integrates theory and practice in the field of computer information systems. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

CS 280PR Co-op Ed: Computer Programming.......3-12 credits This internship course offers a work experience that integrates theory and practice in the field of computer programming. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

HI 209 Networking, Interoperability and

Computers: Keyboarding

For information, contact the Business and Computer InformationTechnology Division, Bldg. 19/Rm. 137, 541.463.5221.

Computers: Software Application

For information, contact the Business and Computer Information Technology Division, Bldg. 19/Rm. 137, 541.463.5221.

Construction

For information, contact the Advanced Technology Division, Bldg. 15/Rm. 201, 541.463.5380.

CST 111 Construction Orientation and Environment.............2 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. Introduction to the construction industry. Economic and environmental influences affecting the construction industry. Material will be presented covering the work in the construction field and professional opportunities open to construction graduates.

CST 211 Blueprint Reading 2.......3 credits
Prerequisite: CST 110 Advanced study related to the needs of the
individual in the understanding and interpretation of blueprints for
special features of design, fabrication, construction, and assembly.

Cooperative Education/Internships

For information, contact the Cooperative Education Division, Bldg. 19/Rm. 265, 541.463.5203.

COOP 280 Co-op Ed......1-2 credits See department for topics.

COOP 280SL Co-op Ed: Service Learning	
COOP 280SV Service Learning: Food for All1-3 credits Work with community partners addressing hunger and the need for food by people in Lane County. Through this internship students practice critical thinking, citizenship and civic responsibility, develop skills, explore career options, and network with professionals while earning college credit. Students set learning objectives. (This course may be part of the "What the World Eats" learning community.)	
COOP 280_H Co-op Ed: Service Learning-Honors3-12 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. See <i>lanecc.edu/honors</i> for information. Prerequisite: Instructor approval. Gain experience with community partners in addressing real community needs. Practice critical thinking, citizenship and civic responsibility, explore career options, and network with professionals while earning college credit. In this Honors section students will actively engage, investigate and reflect on topics leading to enhanced knowledge and skills.	
Technology SeminarSee page 195 CS 280CN Co-op Ed: Computer Network	
OperationsSee page 196 CS 280GD Co-op Ed: Computer Simulation &	
Game Development	
SystemsSee page 196 CS 280PR Co-op Ed: Computer ProgrammingSee page196	
CST 280 Co-op Ed: ConstructionSee page 197	
DA 206 Co-op Ed: Dental Assisting SeminarSee page 202 DA 280 Co-op Ed: Dental AssistingSee page 202	
DH 280 Co-op Ed: Dental HygieneSee page 203	
DS 280 Co-op Ed: DieselSee page 204 ED 280 Co-op Ed: EducationSee page 207	
ED 280EC Co-op Ed: Early Childhood EducationSee page 205, 207	
EMT 280P1 Co-op Ed: EMT Internship Part 1See page 209	
EMT 280P2 Co-op Ed: EMT Internship Part 2See page 209	
ENGR 280 Co-op Ed: Engineering	
ENGR 280E Co-op Ed: Electronic TechnologySee page 207	
ENGR 280M Co-op Ed: Manufacturing TechnologySee page 230	
ENGR 280W Co-op Ed: WeldingSee page 213 ES 280 Co-op Ed: Ethnic StudiesSee page 212	
FL 280IW Co-op Ed: International Work ExperienceSee page 224	
FN 280 Co-op Ed: Dietary ManagerSee page 243	
FT 280 Co-op Ed: Flight TechSee page 215	
G 280 Co-op Ed: GeologySee page 206 G 280ES Co-op Ed: Environmental ScienceSee page 206	
GIS 280 Co-op Ed: Geographic Information Science See page 216	
HE 280 Co-op Ed: Health OccupationsSee page 217	
HE 280PH Co-op Ed: Public HealthSee page 245 HIM 206 Co-op Ed: Employment in Healthcare:	
HIM SeminarSee page 218	
HIM 280 Co-op Ed: Health Information	
Management See page 218 HON 280_H Co-op Ed: International Work Experience-Honors See page 220	
HRTM 280 Co-op Ed: Hospitality ManagementSee page 222	
IDS 280S Co-op Ed: Sustainability CoordinatorSee page 255	
J 280 Co-op Ed: JournalismSee page 224 MA 206 Co-op Ed: Medical Office Assistant	
SeminarSee page 237	
MA 280 Co-op Ed: Medical AssistantSee page 237	
MDP 280 Co-op Ed: Multimedia	
MUL 280 Co-op Ed: Web DesignSee page 236	
MUS 280 Co-op Ed: MusicSee page 239	
NRG 206 Co-op Ed: Energy Management Seminar See page 210	
NRG 280 Co-op Ed: Energy Management	
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PE 280 Co-op Ed: Physical EducationSee page 213

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PE 280AT Co-op Ed: Aerobics	.See	page	213
PE 280AT Co-op Ed: Athletic Training	.See	page	213
PE 280C Co-op Ed: Coaching	.See	page	213
PE 280F Co-op Ed: Fitness			
PE 280M Co-op Ed: Fitness Management	.See	page	213
PE 280R Co-op Ed: Recreation	.See	page	213
PE 280RT Co-op Ed: Corrective Fitness	.See	page	213
PE 280W Co-op Ed: Wellness	.See	page	213
PS 280 Co-op Ed: Political Science			
PS 280LW Co-op Ed: Pre Law	.See	page	250
PSY 280 Co-op Ed: Psychology	.See	page	250
PTA 280A Co-op Ed: First Clinical Internship			
PTA 280B Co-op Ed: Second Clinical Internship			
PTA 280C Co-op Ed: Third Clinical Internship	.See	page	248
RT 280A Co-op Ed: Respiratory Care Clinical			
Practice 1	.See	page	252
RT 280B Co-op Ed: Respiratory Care Clinical			
Practice 2	.See	page	252
RT 280C Co-op Ed: Respiratory Care Clinical			
Practice 3	.See	page	252
RT 280D Co-op Ed:Respiratory Care Clinical			
Practice 4	.See	page	252
RT 280P Respiratory Care Critical Care Practicum	.See	page	252
RT 280R Co-op Ed: Respiratory Care			
SLD 280 Co-op Ed: ASLCC	.See	page	253
SOC 280 Co-op Ed: Sociology	.See	page	252
TA 280 Co-op Ed: Performing Arts			
WATR 206 Co-op Ed: Water Conservation Seminar	.See	page	255
WST 280 Co-op Ed: Watershed Science Technician	.See	page	255
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Criminal Justice			

For information, contact the Social Science Division, Center Bldg./Rm. 403,

CJA 100 Introduction to Criminal Justice 1......3 credits Philosophy and history of criminal justice agencies, American and foreign; analysis of the policies and practices of agencies involved in the operations of the criminal justice process from detection of crime; arrest of suspects, prosecution, adjudication, sentencing, and imprisonment to release. Also, the organization of criminal justice agencies; theories and current practices in corrections and crime prevention; The evaluation of contemporary criminal justice services; survey of professional career opportunities.

CJA 101 Introduction to Criminology......3 credits The study of deviant behavior as it relates to the definition of crime; crime statistics; theories of crime causation; crime typologies, the impact of crime, juvenile delinquency, and society's reactions to criminal behavior.

CJA 110 Introduction to Criminal Justice 2......3 credits This course is the second of a two-term Intro to Criminal Justice sequence. It focuses on the court system, processing of defendants, court organization, and the trial process. In addition, the class will provide an in-depth analysis of the corrections system and occupations, sentencing issues, parole and probation and the juvenile justice system.

CJA 201 Juvenile Delinquency......3 credits A review of the historical reasons for the establishment of juvenile courts in the United States; an examination of the juvenile justice process; and an introduction to the functions of the various components of the system. Sociological concepts and theory of the adolescent subculture will be explored. Delinquency prevention aspects as well as treatment methodologies will be included. Oregon juvenile court law is examined.

CJA 210 Criminal Investigation 1......3 credits Fundamentals of criminal investigation, theory, and history; crime scene to courtroom with emphasis on techniques appropriate to specific crimes.

CJA 213 Interviewing and Interrogation......3 credits This course will examine the dynamics of psychological persuasion existing as a product of criminal interrogations. The processes and techniques used will be the focus during the course with specific attention to the practical and legal limitations of achieving the goals of interviewing.

This course is an introduction to forensic science, crime scene investigations, physical evidence, and legal aspects of evidence, and is designed for all students interested in forensic science. The student will learn how to process crime scenes, the types of physical evidence that may be encountered, and how evidence is analyzed in the laboratory. Emphasis will placed on the interpretation of analytical test results as the as they relate to the limitations of the evidence itself, how the evidence was collected, the case context, and other factors. The student will have hands-on laboratory exercises in analyzing and comparing physical evidence. Critical thinking and the application of the scientific method will be emphasized in all laboratory exercises. Class concepts will be reinforced with actual case examples whenever possible.

Culinary Arts

For information, contact the Culinary Arts and Hospitality Management Department, Bldg. 19/Rm. 202, 541.463.3503.

CA 110 Culinary Adventuring: Local Guest Chef Series 2 credits Open to the Public. It is designed to offer students cooking instruction by well known and respected local chefs and food purveyors through lecture, demonstration, hands-on experiences and tastings.

CA 120 Culinary Adventuring: Seasonal

CA 121 Culinary Adventuring: The Composition

CA 123 Culinary Adventuring: International

CA 163 Introduction to Cooking Theories 3......7 credits Prerequisite: CA 162. This class focuses on baking and pastry for cooks; an introduction to the tools and equipment of the bakeshop, baking history, terminology and baking concepts. Focus is on basic baking and pastry theory and introduction to baking and pastry techniques.

positions, developing, planning and serving a garde manger-themed dinner menu.

Dance

Also see Physical Education

For information about classes with course numbers that begin with:

 \mbox{D} - Contact the Music, Dance and Theatre Arts Department, Bldg. 6/Rm. 204, 541.463.5209.

PE - Contact the Health and PE Division, Bldg. 5/Rm. 205, 541.463.5545.

 movement within the cultural context of community. Relevant history is explored through assigned readings, video, and class discussions. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

this level three times before advancing to Ballet 3. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

 confidence, and awareness as they experience dance as a creative process. This course is a pre-requisite for D160 and D260. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits. Offered fall term only.

Dental Assisting

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Dental Assisting program to take these classes.

DA 102 Advanced Clinical Experiences......3 credits Must be enrolled in the Dental Assisting Program. Knowledge and skills taught throughout the program are utilized as students apply a variety of expanded function chairside assisting and client care skills.

EL 115H Effective Learning: Health Science Majors...... 3 credits This course is designed for health occupation majors who wish to strengthen their study skills and strategies. Students will learn how to take notes from lectures and textbooks, use their preferred learning styles, study for tests, improve memory, read and study from textbooks, manage time effectively, use the library, and make visual study tools. Course work requires college-level reading skills.

Dental Hygiene

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Dental Hygiene program to take these classes.

assessment procedures, and clinical protocol for dental hygiene care. May be offered online.

DH 120A Clinical Dental Hygiene 3:Lecture/seminar...... 3 credits Prerequisites: Admission to DH Program or instructor consent. Corequisites: DH120A and DH120B are taken together and require simultaneous registration. Lecture, instructional lab and clinical course focusing upon the dental hygiene process of care, advanced instrumentation techniques and treatment of the slight to moderate periodontal patient. May be offered online.

DH 120B Clinical Dental Hygiene 3 Clinic Lab.....4 credits Clinical lab required for DH 120A.

DH 139 Special Needs Patient and Dental Emergencies......2 credits Prerequisite: Enrolled in D H Program/Instructor Permission. Knowledge and skill development in assessment, diagnosis, planning and treatment of dental patients with developmental disabilities, complex medical problems and significant physical limitations. Development of critcal thinking and problem solving skills in the care of patients with special needs, prevention of emergencies and selection of treatment. May be offered online.

and recognize terms and processes related to the development of the head, face and oral cavity. May be offered online.

DH 233 Anesthesia/Analgesia for Dental Hygiene Therapy. 3 credits Prerequisites: Admin. in DH Program or instructor Permission. Current science, theories and implementation of local anesthesia and nitrous oxide/oxygen conscious sedation. Review of anatomy, physiology, pharmacology, and emergency procedures associated with local anesthesia and NO2/O2 conscious sedation. Foundational skill development in the administration of infiltration and block anesthesia in dental hygiene procedures. Laboratory and clinical experience in administration of local anesthesia and N2O/O2. May be offered online.

Design - See Art, Studio and Graphic Design

Diesel and Heavy Equipment

For information, contact the AdvancedTechnology Division, Bldg. 15/Rm. 201, 541.463.5380.

DS 154 Heavy Duty Braking Systems.......1-12 credits This course covers technical information and shop projects necessary for the practical application and understanding of theories and principles used in the operation, diagnosis, testing, failure analysis, and repair of heavy duty braking systems. Technical information and shop projects to apply and understand theories and principles include: fundamentals of braking and applied preventive

maintenance program - trucks/tractors; disk/cam brake systems; anti-lock air brake systems; heavy duty wedge brakes; power assist units; truck/tractor air brake system components; and diesel engine and exhaust brakes and retarders in on and off highway heavy duty equipment.

DS 158 Heavy Equipment Chassis and Power Trains 1-12 credits This course covers technical information and shop projects necessary for the practical application and understanding of theories and principles used in the operation of on and off highway automatic transmissions, diagnosing, testing fluid couplings and torque converters, and repair of heavy equipment chassis and power trains. Technical information and shop projects to apply and understand theories and principles include: frames; suspensions; conventional steering systems; track-type undercarriages; final drives and steering mechanisms; clutches; standard transmission; on and off highway automatic transmissions; drive lines; front- and rear-drive carrier units; heavy duty tires, wheels, and rims; and wheel hubs, dead and live axles of on and off highway diesel equipment.

DS 259 Diesel Engines and Engine Overhaul......1-12 credits This course covers technical information and shop projects necessary for the practical application and understanding of theories and principles used in the operation, diagnosing, testing, and repair of diesel engines and engine overhaul. This includes: development of the diesel engine; diesel engine operating principles; combustion chamber design and function; the cylinder block; cylinder head and components; crankshaft, main bearings, vibration damper and flywheel; pistons, rings, and connecting rod assembly; camshaft and timing gear train; lubrication systems and lube oil; cooling systems and coolant; air intake systems; exhaust systems and emissions; hand tools used in the disassembly, reassembly and overhead adjustment, precision measuring tools and shop equipment; engine disassembly, reassembly, diagnosis; and troubleshooting diesel engines as they apply to "on" and "off" the highway diesel equipment.

 engine, gas engine, propane engine and electric powered lift trucks, electric controller, periodic maintenance, and schematics.

Drafting

For information, contact the AdvancedTechnology Division, Bldg. 15/Rm. 201, 541.463.5380.

Drama - See Theatre Arts

Early Childhood Education

For information, contact the Child and Family Education Department, Bldg. 24, 541 463 5619.

ECE 105 Health and Safety Issues in Early

ECE 253 Diversity Issues in Early Childhood Education 3 credits This course explores the concept of human diversity in early childhood settings. It will specifically include an awareness and appreciation of issues of ability, belief, class, culture, gender, language, race, and family experiences as they affect the development of the young child and his or her family. Students will evaluate and develop appropriate materials and methods to increase children's awareness and appreciation of diversity.

ED 280EC Co-op Ed: Early Childhood Education..............3-12 credits This course offers ECE majors (seeking an AAS degree) internship opportunities in a variety of early childhood settings. ECE majors earn college credit and a grade for on the job work experience related to their education and career goals. The field experience is supervised by ECE faculty and qualified staff at the site, and may include a weekly seminar.

HDFS 228 Young Children with Special Needs3 credits The development, needs, and behavior of preschool aged children with special needs. General and practical hints to help integrate children with special needs into childcare programs. An overview of inclusion, along with a focus on specific disabilities is covered, including autism spectrum disorder, speech and language, and attention deficit disorder.

Earth and Environmental Science

For information, contact the Science Division, Bldg. 16/Rm. 156, 541.463.5446.

ENSC 182 Atmospheric Environment and

 geological systems, rocks and minerals, geologic and topographic maps, remote sensing, erosion, deposition, weathering, soils, mass wasting, streams, groundwater, coasts, glaciers, deserts, climate and plate tectonics. Take this course or G 201 before G 203.

G 280ES Co-op Ed: Environmental Science......3-12 credits This internship course offers a work experience that integrates theory and practice in the field of environmental studies. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit.

GS 142 Earth Science: Earth Revealed......3-4 credits Introduces geology and integrates topics of Earth's history, plate tectonics, minerals, rocks, volcanism, earthquake activity, weathering, rivers, groundwater, glaciers, and coasts. Optional 4th credit requires labs exercises completed at home. Offered through distance learning.

Economics

For information, contact The Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

ECON 200 Principles of Economics: Introduction

ECON 201 Principles of Economics: Introduction

ECON 202 Principles of Economics: Introduction

ECON 204 Introduction to International Economics............ 4 credits Introduces principles of international development, trade, and finance. Topics include: history of international development, comparative advantage, free trade, international trade agreements, international economic institutions, exchange rates. Labor and capital migration are covered, time permitting.

ECON 250 Class, Race and Gender in the

ECON 260 Introduction to Environmental and

Education

Also see Early Childhood Education

For information, contact the Cooperative Education Division, Bldg. 19/Rm. 265, 541.463.5203.

ED 200 Foundations of Education Seminar.......3 credits Learn about classroom management and curriculum design. Each student creates a fiction or nonfiction picture book and learns about project learning as a teaching strategy. Usually taken at the same time as a practicum in an elementary, middle, or high school classroom.

ED 201 Foundations of Education Seminar Part 2:

ED 280EC Co-op Ed: Early Childhood Education...............3-12 credits This course offers ECE majors (seeking an AAS degree) internship opportunities in a variety of early childhood settings. ECE majors earn college credit and a grade for on the job work experience related to their education and career goals. The field experience is supervised by ECE faculty and qualified staff at the site, and may include a weekly seminar.

Electronics

For information, contact the AdvancedTechnology Division, Bldg. 15/Rm. 201, 541.463.5380.

ENGR 280E Co-op Ed: Electronic Technology......3-12 credits This course provides students with electronics learning experiences in businesses and industrial sites as well as integrating theory and

practice gained in the classroom with practical experience in the professional world. Students will develop skills, explore career options and network with professionals and employers while earning credit toward a degree. Cooperative Education is a required class for the Electronic Technology Program.

ET 145 Semiconductor Devices 1......1-4 credits Prerequisite: ET 129. First course of a two-term sequence in the study of solid state semiconductor theory. ET 145 begins with the characteristics and use of both zener and general purpose diodes in common circuits. The second part discusses the operation of NPN and PNP bipolar transistors and common amplifier configurations.

ET 229 Motors 1......1-4 credits
This class addresses the concepts and principles of electromechanical

devices. Emphasis will be placed on the theory and operation of AC and DC motors used in manufacturing and the HVAC industries. Transformers and power distribution systems will be studied along with adjustable frequency AC drives and stepper motors.

ET 234 Programmable Controllers 1.......1-4 credits Prerequisite: Second year standing. This course covers the basics of relay and ladder logic technology as it pertains to Programmable Logic Controllers. Techniques in programming are explored and an emphasis is placed on interfacing I/O devices to the PLC. More advanced topics such as timers, counters, and sequencers are also covered. The student will also be introduced to a variety of trouble-shooting problems at both component and system levels.

ET 235 Programmable Controllers 2......1-4 credits Prerequisite: ET234. This class provides an introduction to the robot and its capabilities and explores the various tasks that robots are programmed to perform. Interfacing between robots, PLC's, and field devices are practiced with an emphasis on troubleshooting.

Emergency Medical/Paramedic

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Emergency Medical/Paramedic program to take these classes.

EL 115H Effective Learning: Health Science Majors....... 3 credits This course is designed for health occupation majors who wish to strengthen their study skills and strategies. Students will learn how to take notes from lectures and textbooks, use their preferred learning styles, study for tests, improve memory, read and study from textbooks, manage time effectively, use the library, and make visual study tools. Course work requires college-level reading skills.

EMT 151 Emergency Medical Technician Basic Part 1............5 credits This course is part 1 of a 2 part course in Emergency Medical Technician. Successful completion of this two part course qualifies candidate to sit for state and national practical and written licensing exams administered locally. This course provides instruction in a variety of medical and trauma related emergencies. This is a demanding course designed for those who will respond to 911 emergencies in an ambulance or fire rescue and will function within an emergency medical services system, often as a volunteer with a local rural fire department. Supplies and equipment used is consistent with the tools of the trade. Fire departments and private ambulance services that respond to 911 emergencies carry very specific equipment and operate within very specific parameters. Students are taught how to apply their skills within this structure. This course is required for application into the second year of the AAS degree in Paramedicine.

EMT 152 Emergency Medical Technician Basic Part 2.......... 5 credits Corequisite: EMT 151. This course is part 2 of a 2 part course in Emergency Medical Technician. Successful completion of this two part course qualifies candidate to sit for state and national practical and written licensing exams administered locally. This course provides instruction in a variety of medical and trauma related emergencies. This is a demanding course designed for those who will respond to 911 emergencies in an ambulance or fire rescue and will function within an emergency medical services system, often as a volunteer with a local rural fire department. Supplies and equipment used is consistent with the tools of the trade. Fire departments and private ambulance services that respond to 911 emergencies carry very specific equipment and operate within very specific parameters. Students are taught how to apply their skills within this structure. This course is required for application into the second year of the AAS degree in Paramedicine.

EMT 170 Emergency Response

EMT 171 Emergency Response Patient Transportation2 credits Prerequisite: EMT 152 or Oregon EMT license. This is an emergency vehicle operations course (EVOC) that provides students with driving skills required to operate an ambulance. Additional topics include: ambulance operation, laws pertaining to emergency ambulance driving and parking; vehicle maintenance and safety check; emergency response driving and route planning. This course is required for application into the second year of the AAS degree in Paramedicine.

include pathophysiology, pharmacology, history taking and patient assessment, advanced airway management, geriatrics, psychiatric emergencies, respiratory emergencies and cardiovascular emergencies. Cognitive and psychomotor domains are measured for competency by a combination of written exams and skill demonstration. The affective domain is measured for competency using published professional standards. A grade of C- or better is required to continue to the next course in the series. Program graduates are eligible to take the Oregon/National Paramedic exam.

EMT 271 Emergency Medical Technology-Paramedic

EMT 273 Emergency Medical Technology-Paramedic

EMT 274 Emergency Medical Technology-Paramedic

EMT 275 Emergency Medical Technology- Paramedic

responds to 911 emergencies. Students will manage a variety of ambulance calls while being shadowed by their paramedic preceptor. The student completes the course when all requirements have been met, including consistent competency in providing paramedic-level care within the 911 EMS system.

Energy Management

For information, contact the Science Division, Bldg. 16/Rm. 253, 541.463.3997.

NRG 102 Blueprint Reading: Residential and Commercial ..3 credits Reading commercial architectural plans, examining their characteristics for evaluating and maintaining electrical, plumbing, HVAC, and energy management related design and materials. Introductory drafting and plans drawing skill will be presented including sketches, free hand and cutting plan methods.

NRG 110 Energy Efficiency Industry Software

NRG 111 Residential/Light Commercial Energy

NRG 122 Commercial Air Conditioning System Analysis 3 credits Prerequisite: NRG 121 or Department Approval. Students learn to identify commercial HVAC system types and the energy impact of each type. Calculations will be used to determine HVAC system efficiency. Students will investigate HVAC delivery systems including fans pumps dampers, control valves, and ducting. The course includes field work.

NRG 155 Photovoltaic System Design and Installation 14 credits Prerequisite: PH 101 and PH 102 and MTH 095 or Math Placement Test. Corequisite: NRG 157 or Department Approval. This hands-on course will cover the National Electrical Code (NEC) specifics concerning photovoltaic (PV) installation article 690. Code compliant wiring of modules, inverters, charge controllers, and batteries will be explored in detail. Students will use materials designed for installation practice both indoors and out.

NRG 156 Photovotaic System Design and Installation 24 credits Prerequisite: NRG 155This hands-on course is a continuation of NRG 155. Students will learn the unique differences between grid intertie and off-grid systems and associated components. Students will use the NEC as it relates to PV installation. Emphasizes safety on the job.

 mounting systems and installation safety will be discussed and demonstrated. Students will use materials designed for installation practice both indoors and out.

NRG 162 Solar Photovoltaics System Design and

NRG 172 Understanding the LEED Framework &

NRG 280 Co-op Ed: Energy Management......3-12 credits This internship course offers a work experience that integrates theory and practice in the field of energy management. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

Engineering Transfer

Also see Drafting, Electronics and Physics

For information, contact the Mathematics Division, Bldg. 16/Rm. 166, 541.463.5392.

English - See Literature, Writing

English as a Second Language - See Study Skills

Environmental Science - See Earth and Environmental Science

Ethnic Studies

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

ES 103 Post-Racial America: Challenges and Opportunities 4 credits This course is designed to examine the current state of race relations and discourse on race in America in a "Post Civil Rights Era" environment. The course will examine the societal issues facing African Americans, Latino/Latinas, Native Americans and other underrepresented minority populations.

ES 121 African American Leadership: History,

ES 212 Chicano/Latino Studies: Political and Ideological

ES 213 Chicano/Latino Studies: Contemporary

ES 221 African American Studies: Down From the

ES 223 African American Studies: A Luta Continua:

American responses to systematic oppression towards goals of individual and group liberation.

ES 241 Native American Studies: Consequences of

ES 243 Native American Studies: Contemporary

Exercise and Movement Science

For information, contact the Health and PE Division, Bldg. 5/Rm. 205, 541.463.5545.

 laboratory fitness assessment procedures. Students collect data according to standardize protocols, interpret results and identify appropriate exercise progressions for clients. Students learn to identify effects of common pharmacological agents, disease status, and other conditions on exercise response and capacity.

EXMS 194F Professional Activity: Fitness

Assessment and Exercise Prescription-Field Techniques.....3 credits This course introduces students to exercise prescription principles and exercise program design. Students learn to prescribe exercise for healthy populations or populations with medically controlled disease. Exercise type, volume, progression, client motivation, goals, safety, and enjoyment are emphasized.

EXMS 194L Fitness Assessment and Exercise Prescription-

This course introduces students to fundamental principles and techniques of resistance training, and programs/systems of conditioning. Includes development of exercises for flexibility, balance, strength, and aerobic conditioning. Provides students with foundational skills for fitness-based careers.

EXMS 194T Techniques of Group Exercise Leadership........2 credits Students are introduced to group exercise leadership methods including safety, motivation, communication, organization and class/activity planning. Students experience leading/teaching in a variety of group fitness activities/genres for a variety of skill levels.

EXMS 294 Foundations of Fitness Management....... 3 credits Pre-requisite: Program Admission. Introduction to management topics specific to the fitness industry including: fitness program administration, personnel management, risk management, legal liability, scope of practice, equipment acquisition, facility planning and maintenance. Guidance in job search practices and resume development.

PE 280R Co-op Ed: Recreation.......3-12 credits Prerequisite: Instructor approval for site and credit load. Supervised internship in a recreational program on or off campus. Students will gain knowledge, develop skills, get experience and explore career options while earning credit toward a degree or certificate. Journals and other written assignments required.

Fabrication and Welding

For information, contact the AdvancedTechnology Division, Bldg. 15/Rm. 201, 541.463.5380.

WLD 111 Blueprint Reading for Welders......3 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. This course provides instruction necessary to interpret blueprints that are typically used by metal fabrication shops. Emphasis is placed on understanding types of lines, dimensioning, views, notations, abbreviations, welding symbols and steel nomenclature.

WLD 121 Shielded Metal Arc Welding 11-4 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. Skill development in SMAW, oxy-acetylene cutting, understanding and practicing safe work methods in the welding shop and welding in all positions (flat, horizontal, overhead, and vertical), using the shielded metal arc process.

WLD 122 Shielded Metal Arc Welding 21-4 credits Prerequisite: WLD 121 or performance test and written examination. Skill development in electric arc welding. Training in the selection of electrodes and their use on metals of varying thicknesses, and continued training in oxyacetylene cutting. Welding using a wide variety of electrodes. The student will be instructed in safe work habits and the optimum use of materials and equipment.

WLD 140 Welder Qualification (Cert): Wire Drive Processes 3 credits Prerequisite: WLD 143 or WLD 154 or WLD 112 or WLD 113 or WLD 114 or instructor consent. This course studies the purpose and standards of American Welding Society welder qualification tests. It also provides instruction and practice in the preparation, welding and finishing of test specimens to code standards using wire drive processes. Course includes AWS D1.1 Welder Qualification Test.

WLD 142 Pipe Welding Lab: Carbon Steel 3 credits This is a hands-on course that instructs in set-up procedures and welding techniques required to weld carbon steel pipe in various positions. The code taught will be that of the American Welding Society (AWS). The scope of the course is limited to the practicing of pipe welding techniques. At additional cost, a student may take an AWS pipe welder qualification code test to be arranged with the instructor.

WLD 143 Wire Drive Welding 1.....1-4 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. Skills development in gas metal arc welding (GMAW) of carbon steel. Students will be instructed in proper care, set-up and use of GMAW equipment. Preparing weld test specimens and performing weld tests is included in this course.

WLD 151 Fundamentals of Metallurgy......1-3 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. Physical, chemical and mechanical nature of carbon and alloy steels. Includes study of the purpose and practice of various thermal treatments and cold working processes common to metal using industries.

WLD 154 Wire Drive Welding 21-4 credits Prerequisite: WLD 143 or instructor consent. Technology and application of wire drive process using gas shielded cored wire is taught. Preparing weld test specimens and performing weld tests is included in this course.

WLD 159 Wire Drive Welding 31-4 credits Prerequisite: WLD 143 or instructor consent. Technology and application of the wire drive process using self shielded cored wire is taught. Preparing weld test specimens and performing weld tests is included in this course.

WLD 160 Wire Drive Welding 4......1-4 credits Prerequisite: WLD 143 and WLD 154. This course provides technical information about, and practice in, Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW) that builds on knowledge and skills learned in Wire Drive Welding 1, 2 & 3. Instruction in material preparation and testing of weld samples will also be provided.

WLD 215 Fabrication/Welding 4 12 credits Prerequisite: Second year standing or instructor consent. This course instructs in the skills and technology associated with fabrication of metal products. Welding practice is provided in wire drive, SMAW and GTAW processes. Fabrication skills taught include blueprint reading, metal layout, part preparation, assembly and final finishing. Also studied are concepts in ferrous metallurgy and their applications.

WLD 216 Fabrication/Welding 5 12 credits Prerequisite: Second year standing or instructor consent. This

course instructs in the skills and technology associated with fabrication of metal products. Welding practice is provided in wire drive, SMAW and GTAW processes. Fabrication skills taught include blueprint reading, metal layout, part preparation and assembly and final finishing. Also studied are concepts in ferrous metallurgy and their applications especially pertaining to welding of carbon and stainless steel.

WLD 217 Fabrication/Welding 6 12 credits Prerequisite: Second year standing or instructor consent. This course instructs in the skills and technology associated with fabrication of metal products. Welding practice is provided in wire drive, SMAW, and GTAW processes. Fabrication skills taught include blueprint reading, metal layout, part preparation and assembly and final finishing. Also studied are aluminum metallurgy concepts in wear analysis, selection and application of wear or corrosion resisting surface treatments in addition to applied aluminum metallurgy. This course includes practice and testing for AWS D1.1 Welder Qualification Fxams.

WLD 242 Gas Tungsten Arc Welding 1......3 credits Prerequisite: Minimum reading score of 68 OR RD 080 OR RD 087 And EL115 OR Prior College. This course teaches the technology of, and provides practice in, gas tungsten arc welding (GTAW) of carbon and stainless steel sheet material. Students will be instructed in proper care, set-up and use of GTAW equipment. Testing of weld samples is included in this course.

WLD 256 Gas Tungsten Arc Welding 2......3 credits Prerequisite: WLD 242 or Instructor consent. This coure provides continuing training in the technology and practice of the gas tungsten arc welding (GTAW) of carbon and stainless steel sheet. Testing of weld samples is included in this course.

WLD 257 Gas Tungsten Arc Welding 3......3 credits Prerequisite: WLD 242 and WLD 256. This course provides technical information about, and practice in, gas tungsten arc welding of aluminum alloy sheet materials. Instruction in material preparation, finishing and testing of coupons will also be provided.

Family Studies - See Human Relations

Film - See Literature, Media Arts

Flight

Also see Aviation Maintenance

For information, contact FlightTechnology, Airport Road, 541.463.4195.

AS 111 The Air Force Today1 credits Deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces, and aerospace support forces.

AS 112 The Air Force Today 1 credits Deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces, and aerospace support forces.

AS 113 The Air Force Today1 credits Deals with the Air Force in the contemporary world through a study of the total force structure, strategic offensive and defensive forces, general purpose forces, and aerospace support forces.

Cadets learn officership, leadership, drill and ceremony, and customs and courtesies. Lec/lab. Graded P/N. OTHER PREREQS: Taken concurrently with AS 111, AS 112 and AS 113. Only offered to students enrolled in the AFROTC officer commissioning program.

AS 211 The Development of Air Power......1 credits Study of air power from balloons and dirigibles through the jet age; a historical review of air power employment in military and non-military operations in support of national objectives; a study of changes in the nature of military conflict; and a look at the evolution of air power concepts and doctrine. OTHER PREREQS: If enrolled in the AFROTC officer commissioning program, must be taken concurrently with AS 220.

AS 212 The Development of Air Power......1 credits Study of air power from balloons and dirigibles through the jet age; a historical review of air power employment in military and non-military operations in support of national objectives; a study of changes in the nature of military conflict; and a look at the evolution of air power concepts and doctrine. OTHER PREREQS: If enrolled in the AFROTC officer commissioning program, must be taken concurrently with AS 220.

AS 213 The Development of Air Power......1 credits Study of air power from balloons and dirigibles through the jet age; a historical review of air power employment in military and non-military operations in support of national objectives; a study of changes in the nature of military conflict; and a look at the evolution of air power concepts and doctrine. OTHER PREREQS: If enrolled in the AFROTC officer commissioning program, must be taken concurrently with AS 220.

AS 220 Leadership Laboratory......1 credits Cadets are placed in element leadership positions in order to know and comprehend the Air Force concepts of command, discipline, tradition, and courtesies. Lec/lab. Graded P/N. OTHER PREREQS: AS 220 is taken concurrently with AS 211, AS 212, and AS 213. Only offered to students enrolled in the AFROTC officer commissioning

BA 254 General Aviation Management......3 credits This course will present a detailed examination of general aviation's role in the national economy, regional economy and local economy. The course will cover the most effective uses and management of general aviation resources. It will stress the role of the fixed base operator, and the importance of the interview in the hiring process.

FT 101 Exploring Aviation Careers: Summer Academy....... 1 credits This course is designed to provide a hands-on opportunity for the participants in multiple major career specialities in the air transportation industry. This course includes 3 hours of dual flight instruction recorded as official logged flight time. Classroom instruction with labs including experience as a pilot, aviation maintenance technician, avionics technician, air traffic controller, airport management and briefings with the TSA.

FT 123 UAS Commercial Test Prep.......3 credits This course is designed to help students prepare to take the FAA UAS written examination in order to get their Remote Pilot Airman's Certificate. It will be divided into five parts: Aircraft Operation, Regulations, National Airspace System, Weather, and Performance.

 industry information resources. May be offered online with instructor approval.

FT 255 Fundamentals of Instruction and Human Factors 3 credits Psychological principles of the human learning process with methods to improve instructor effectiveness. Human factors including hazardous attitudes, fatigue, human error, decision making, cockpit design and ergonomics of the man/machine interface are covered. Studies CRM to improve crew coordination and situational awareness.

Foreign Languages - See Language Studies

French - See Language Studies

Geography

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

GEOG 141 Natural Environment.......4 credits This course is designed to introduce the natural processes and the

impacts of human/cultural activities operating in our environment. Dynamic processes create and alter landforms, climatic patterns, and biotic regional differences on the earth's surface. Understanding the causes and results of global climate change as it impacts future geographies is a fundamental theme in this course. Analysis of natural processes with added human impacts will introduce the student to scientific methodologies, using graphs, models and mapping techniques. This course is strongly recommended as a prerequisite for ENVS 184, Global Climate Change. This course meets the AAOT science or social science requirement.

GIS 280 Co-op Ed: Geographic Information Science3-12 credits Cooperative Education is a work experience opportunity for students that have completed two GIS classes: (GIS 151 and GIS 245) and have the instructors approval. Contact Lynn Songer, GIS Instructor songerl@lanecc.edu.

Geology - See Earth and Environmental Sciences

Graphic Design

For information, contact the Art and Applied Design Department, Bldg. 11/Rm. 101, 541.463.5409.

ART 115GD Basic Design: Fundamentals for

Health and First Aid

For information, contact the Health and PE Division, Bldg. 5/Rm. 205, 541.463.5545.

CPR, shock, soft tissue & skeletal injuries, sudden illness, and a variety of other emergencies.

HE 280 Co-op Ed: Health Occupations3-12 credits This internship course provides on-the-job learning experiences in the health occupations field. Students earn college credit while working under the supervision of a health care professional. Internship sites are selected to support each student's career goals, contributing to the student's education and future employability.

HE 290 Comprehensive Approaches to Weight

Health Information Management

For information, contact the Health Professions Division, Bldg. 30/Rm. 209, 541.463.5182. You must be accepted into the Health Information Management program to take some these classes.

EL 115H Effective Learning: Health Science Majors....... 3 credits This course is designed for health occupation majors who wish to strengthen their study skills and strategies. Students will learn how to take notes from lectures and textbooks, use their preferred learning styles, study for tests, improve memory, read and study from textbooks, manage time effectively, use the library, and make visual study tools. Course work requires college-level reading skills.

HIM 101 Introduction to Health Care and Public Health

procedures for indexing health data and processing reimbursement claims. May be offered online.

HIM 120 Introduction to Health Information

HIM 183 Introduction to Health Information Systems4 credits This course examines the foundations of health information technology used by health care entities. Students will explore the use of information systems and their application through literature review and hands-on experiences. Topics include clinical and administrative applications used in the role of HIM professionals. Offered online.

HIM 206 Co-op Ed: Employment in Healthcare:

HIM 220 Legal and Ethical Aspects of Healthcare......3 credits An overview of the United States legal system. A study of the principles of law and ethics as applied to the healthcare field with particular reference to all phases of medical information management and medical assisting. May be offered online.

HIM 241 Health Information Management Applications 1.....4 credits Prerequisites: HIM120, HIM183, HIM101, HIM 105, HIM222, and HIT160 with minimum grade of C, or instructors consent. This course examines the foundations of health information technology used in the collection and management of clinical information. Topics covered: the function, content, and structure of the health record. Data

sets and healthcare information requirements and standards will also be covered. Offered online.

HIM 242 Health Information Management Applications 2....4 credits Prerequisite: HIM241 passed with a "C" or higher or instructors consent. This course covers the history and use of clinical vocabularies, reimbursement methodologies, principles and supervisory management; including resources management responsibilities, such as job position descriptions, performance/practice standards, and policies and procedures. Students will study topics on Human Resources, RHIOs, PHRs, and medical identity theft. Offered online.

HIM 280 Co-op Ed: Health Information Management......3-12 credits Prerequisites: Instructor approval. HIM students will increase their understanding of industry expectations as well as technical work experience in a health care organization or virtual lab, or combination of both. In this course students will also explore career options, and network with professionals and employers while earning credit toward a degree.

HIT 111 Implement and Customize Electronic

records, including data entry and storage of treatment information, matching CPT-4 and diagnosis codes with treatment procedures and charges, create and follow insurance claims for collection of payments from Medicare, Medicaid, private insurance and other reimbursement organizations. Creation of patient statements, dunning letters, and insurance appeals. Offered online.

HO 152 Human Body Systems 2......3 credits Prerequisites: HO 150 Human Body Systems 1. Part 2 of a 2 part series. This course introduces the fundamental concepts of the anatomy and physiology of the respiratory, digestive, urinary, and reproductive systems. A basic introduction to microbiomes is included. May be offered online.

History

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

picture and looks at the convergence of peoples across the earth's surface into an integrated world system begun in early times and intensified after the rise of capitalism in the early modern era. All of the courses will consider the connections of select topics and concepts to the shaping of our present world. May be taken out of sequence. May be offered online.

HST 266 US Women's History......4 credits

This course explores the distinctive experiences of women in the United States from its earliest period to current time. The course will follow a chronological framework with a focus on themes and topics such as Native American women, women and witchcraft, slavery, women's rights movement, women and work, women and war, the 'feminine mystique,' and personal politics. The coursework will also include implications of race, class, and ethnic differences among women over time.

Honors

For information, contact honors@lanecc.edu.

ARH 203_H Survey of American Indian Art and

BI 102_H General Biology: Genetics and Society-Honors4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. See *lanecc.edu/honors* for information. Students learn human body systems with an emphasis on genetic inheritance patterns, genetic conditions and the systems they affect. Course integrates current issues in genetics and their impact on ethics and values; labs feature problem solving, critical thinking. This course also meets Lane Degree requirements that are fullfilled by the same course number without the _H.

BI 102_H General Biology: Genetics and Society-Honors 4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. See *lanecc.edu/honors* for information. Students learn human body systems with an

emphasis on genetic inheritance patterns, genetic conditions and the systems they affect. Course integrates current issues in genetics and their impact on ethics and values; labs feature problem solving, critical thinking. This course also meets Lane Degree requirements that are fullfilled by the same course number without the H.

COMM 111_H Fundamentals of Public Speaking-Honors 4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. See <code>lanecc.edu/honors</code> for information. This course is designed to help students learn to express their ideas to an audience with confidence and clarity. The aim of this course is to teach students to speak in a public setting by preparing presentations on a number of diverse topics for use on a variety of occasions. This course provides students with opportunities to learn how to analyze an audience and tailor their messages to that audience. In addition, students will learn to become critical listeners by analyzing and critiquing other students' presentations.

COOP 280_H Co-op Ed: Service Learning-Honors...........3-12 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than nonhonors courses. WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. See *lanecc.edu/honors* for information. Prerequisite: Instructor approval. Gain experience with community partners in addressing real community needs. Practice critical thinking, citizenship and civic responsibility, explore career options, and network with professionals while earning college credit. In this Honors section students will actively engage, investigate and reflect on topics leading to enhanced knowledge and skills.

HON 280_H Co-op Ed: International

ENG 105_H Introduction to Literature: Drama-Honors........ 4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. See *lanecc.edu/honors* for information. This course is a reading, writing, and discussion course that features critical analysis and appreciation of a wide variety of world plays beginning with the classical Greek period and ending with works of today.

PHL 221_H Critical Thinking-Honors......4 credits This class is an honors option available to students prepared to complete honors-level coursework. Honors options delve deeper into course topics and require a high level of student motivation: the pace may be faster than non-honors courses.WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. Contact the instructor and visit lanecc.edu/honors for more information. This course is aimed at developing practical reasoning skills. Students will learn to analyze and evaluate arguments, detect fallacies, distinguish science from pseudo-science, recognize media bias, and better understand methods of deception employed by advertisers, political organizations and others. A central goal of this course is to develop an attitude of fair-mindedness and intellectual honesty while learning to avoid the pitfalls of defensiveness and rationalization. This course also meets Lane Degree requirements that are fullfilled by the same course number without the H.

Prerequisite: Appropriate scores on Lane's Writing Placement Test or a passing grade (C- or better) in WR 115. This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. See lanecc. edu/honors for information. This fundamental course for all writing students introduces students to the conventions of academic writing. It emphasizes defining and developing a significant topic and using principles of clear thinking to support an assertive or argumentative thesis. Students will gain an understanding of their subject matter, audience, purpose, and point-of-view, and demonstrate that understanding through the organization and development of their essays. Students will learn how to analyze and evaluate other writers' work to sharpen their critical abilities as readers and writers. The course also introduces students to skills in source analysis, documentation, and beginning research methods. May be offered online. This course also meets Lane Degree requirements that are fullfilled by the same course number without the _H.

WR 122_H Argument, Research and Multimodal

Hospitality Management

For information, contact the Culinary Arts and Hospitality Management Department, Bldg. 19/Rm. 202, 541.463.3503.

HRTM 104 Introduction to Travel and Tourism3 credits Open to the Public. This course is designed to provide students with a basic knowledge of tourism-related concepts. There will be an emphasis on community-based sustainable tourism development.

HRTM 109 Principles of Meetings and Convention

HRTM 209 Advanced Principles of Meeting, Convention,

HRTM 260 Hospitality Human Resources and Supervision .3 credits Prerequisite: CAHM majors only. Examines the fundamentals of supervision that include planning, basic management functions, and customer relations and service. Focus is on building relationships with diverse employees through communication, motivation, supervision and leadership, and the human resources environment.

MTH025 or higher. This course presents an overview of cost-control procedures including purchasing, storage, issuing, security, production, and financial topics for food and beverage, labor, and other expense areas in the hospitality industry.

HRTM 280 Co-op Ed: Hospitality Management......1-7 credits Prerequisite: HM majors only. This course provides the student with hospitality management-related work experience in community businesses and organizations. The student will have the opportunity to integrate theory and practice gained in the classroom with practical experience in the professional world.

Human Relations

For information, contact the Counseling Department, Bldg. 1/Rm. 103, 541.463.5299.

CG 144 Introduction to Assertive Behavior......1-3 credits Assertiveness skills are taught in a two-stage process, first, defining assertive behavior, and second, learning how to behave assertively. Training will focus on areas of work and school settings, social/family situations, and consumer situations. Includes deciding when to be assertive.

CG 145 Coping Skills for Stress and Depression....... 1-3 credits This course presents the theory and practice of managing stress and depression. Topics include recognizing and modifying causes of and response to stress. The symptoms, causes, forms of and treatment for depression are reviewed. The topic of stress will be covered in more detail than depression.

CG 203 Human Relations at Work1-3 credits This course presents the interpersonal 'people skills' that are important in the modern workplace. Topics are varied. Focus includes awareness of individual work styles and how to work effectively with people with different styles in a diverse workplace. May be offered online.

CG 212 Dreikursian Principles of Child Guidance 2..............1-3 credits Prerequisite: CG 211. Students engage in specialized study after completing Principles of Child Guidance. Learn in-depth ways to facilitate positive relationships with adults and children. Students engage in weekly reading, discussions, and experiences.

 courses may be counted toward degree and certificate requirements at Lane. In addition, CPSY 195 may not be substituted for any course in Human Services certificate or degree programs. May be offered as a live interactive course.

Human Services

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

HS 150 Personal Effectiveness for Human

HS 151 Issues in Assessing and Treating the

HS 201 Introduction to Human Services......3 credits Students will be introduced to a wide array of social and personal problems that are addressed by the field of human services. Students will explore the way economics and history shape current social welfare programs and policies. The philosophical foundation

of the human service movement as well as career opportunities in the field will be examined. Trends and intervention strategies for a number of service systems will be introduced. The impact of culture and diversity on human services will be explored.

HS 220 Prevention 1: Preventing Substance Abuse and

HS 222 Best Practices in Human Services: Interventions4 credits An overview of Best Practices currently implemented for substance abuse, mental health, case management and a variety of other challenges facing adults and families will be examined with an emphasis on the impact of environmental/societal factors, gender and multicultural issues.

Humanities

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

Internet - See Business and Computers: Introduction/
Information Systems/Computer Science

Internships/Work Experiences - See Cooperative Education

Journalism

Also see Photography

For information, contact the Art and Applied Design Department, Bldg. 11/Rm. 101, 541.463.5409.

Landscaping - See Construction

Language Studies

For information, contact the Language, Literature and Communication Division, Center Bldg./Rm. 457, 541.463.5419.

 able to (2) converse in a variety of common everyday settings using sentences, questions, and structures presented in class. Emphasis is placed on daily speaking, more complex writing, reading and listening of Chinuk Wawa and learning about the cultures of the people who spoke and still speak the language.

FL 280IW Co-op Ed: International Work Experience 1-12 credits Prerequisite: Instructor approval. This is a structured program for international work experience through LCC and IE3 Global Internships. Living and working in another country, students gain career and intercultural skills essential in a global society. Application and other details are on the web at *ie3global.org*.

FR 188 Study Abroad: French Language and Culture

 We use French and Francophone films to introduce and expand on vocabulary in authentic cultural contexts, with a focus on functional language. Students also share opinions and exchange ideas as they explore different Francophone cultures and social contexts.

Prerequisite: FR 101This course is a study abroad experience encompassing intensive language study with an emphasis on oral communication, and French history and culture in the Normandy and Paris regions. The course is designed to provide students with the necessary language tools to communicate successfully in a full immersion learning environment, to encourage them to reflect on cultural values and develop an awareness and sensitivity to cultural differences, and to inspire them to engage in further French language studies.

of class hours. The text for this course includes an online workbook component. Course content is conducted entirely in Spanish.

SPAN 211B Conversational Spanish Intermediate......3 credits Prerequisite: Credit Level SPAN 103 or equivalent with min. grade of C- or placement by instructor. May be taken concurrently with any 200 level Spanish course. Spanish 211B is an Intermediate Spanish college level course in oral communication. The student has the opportunity for intensive practice in both speaking and listening skills to help improve oral/aural skills in spoken Spanish. Meaningful communication is accomplished through the expansion of vocabulary and expressions, and through interactive activities that permit the exchange of experiences and ideas in various areas of interest. The main themes developed in the course content are expanded through the incorporation of authentic readings and materials chosen from the internet, film, music, and literary and nonliterary texts. Oral presentations, short written essays, tests, and active participation in in-class activities are used to determine the student's final grade in the course. Course content is conducted entirely in Spanish.

SPAN 212B Conversational Spanish Intermediate......3 credits Prerequisite: Credit Level SPAN 103 or equivalent with min. grade of C- or placement by instructor. May be taken concurrently with any 200 level Spanish course. Spanish 212B is an Intermediate Spanish college level course in oral communication. The student has the opportunity for intensive practice in both speaking and listening skills to help improve oral/aural skills in spoken Spanish. Meaningful communication is accomplished through the expansion of vocabulary and expressions, and through interactive activities that permit the exchange of experiences and ideas in various areas of interest. The main themes developed in the course content are expanded through the incorporation of authentic readings and materials chosen from the internet, film, music, and literary and nonliterary texts. Oral presentations, short written essays, tests, and active participation in in-class activities are used to determine the student's final grade in the course. Course content is conducted entirely in Spanish.

Legal Assistant

For information, contact the Business and Computer Information Technology Division, Bldg. 19/Rm. 137, 541.463.5221.

LA 100 Legal Procedures4 credits Co-requisite: LA102. Pre-requisites: Working knowledge of MS Word, accurate keyboarding speed of 45 wpm, and placement test scores into WR121 or WR115 or instructor permission. This course is an introduction to the roles and duties of legal support personnel and administrative procedures specific to law offices. Students will explore legal office careers, learn legal terminology, and learn about the attorney/client relationship. Introductory preparation of legal pleadings, correspondence, and documents including contracts, wills and trusts. Extensive coverage of written and oral communications needed for law practice, law office procedures, ethics, legal terminology, the court system, the law library, and notary public duties. Instructor enforced prerequisites: Working knowledge of MS Word, accurate keyboarding speed of 45 wpm, placement test scores into WR 121 and MTH 065 or instructor permission. May be offered online. Offered through Umpqua Community College. A host-provider fee may apply.

Library/Information Research

For information, contact the Library, Center Bldg./2nd Floor, 541.463.5770.

Literature

For information, contact the Language, Literature and Communication Division, Center Bldg./Rm. 457, 541.463.5419.

ENG 100 Children's Literature......4 credits College-level reading and writing skills (a passing grade in WR 115 or placement into WR 121) are strongly recommended for success. Children's Literature is a wide-ranging introductory course, including a history of both British and American literature for children and a continuing discussion of the ways our culture and history have defined and created what chidren may or may not be and what they may or may not read, enjoy or understand. The class reads a variety of material including fairy tales, picture books, and young adult novels. Students will develop criteria for the selection and evaluation of literature for children at different developmental stages. Students will explore current debates in and around children's literature, scholarship, classroom use, and publishing. This course features multi-cultural materials and touches on a variety of media, including film, cartoons, television, and print. Though many students who take the course are, or will be, working with children, the course also addresses children's literature from a literary perspective, discussing the texts from theoretical as well as a pedagogical framework. A major aim of the class is to introduce students to recent and emerging authors to broaden familiarity with current material available to young people.

ENG 105_H Introduction to Literature: Drama-Honors........ 4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than non-honors courses. See *lanecc.edu/honors* for information. This course is a reading, writing, and discussion course that features critical analysis and appreciation of a wide variety of world plays beginning with the classical Greek period and ending with works of today.

ENG 195 International Film Histories4 credits Suggested prerequisite: placement into WR 115 or above (collegelevel reading and writing skills). This is the first course in a threepart survey of film history (aesthetic, economic, technological, and cultural). ENG 195 explores the evolution of film language from the silent era to WWII, and the various cinematic and artistic movements. as well as the economic context that led to the development of the US Studio System and Classical Hollywood Style, Students will be introduced to the basic elements of film language and tasked with using this vocabulary to analyze cinematic texts. The primary goals of the survey are twofold: to help students recognize and identify particular historical approaches to understanding film; to help students develop a sufficient cinematic vocabulary to identify and analyze cinematic style in and across film texts and within and between film movements. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

ENG 196 International Film Histories4 credits Suggested prerequisite: placement into WR 115 or above (collegelevel reading and writing skills). This is the second course in a threepart survey of film history: aesthetic, economic, technological, and cultural. ENG 196 explores the maturation and decline of the studio system in postwar U.S., as well as key international film movements that were informed by, but also challenged, the Hollywood model. Students will be introduced to the basic visual and aural elements of film language and tasked with using this vocabulary to analyze cinematic texts. The primary goals of the survey are twofold: to help students recognize and identify particular historical approaches to understanding film; to enable students to apply a cinematic vocabulary to identify and analyze cinematic style in and across film texts and within and between film movements. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

Suggested prerequisite: placement into WR 115 or above (collegelevel reading and writing skills). This is the third course in a threepart survey of film history (aesthetic, economic, technological, and cultural). ENG 197 focuses on contemporary world cinema beginning with various counter-cinemas of the 1960s, "new cinemas" of the 1970s, the rise of the entertainment economy in the 1980s, and concludes with a focus on present-day digital cinemas within a global and trans-media market. Students will be introduced to the basic visual and aural elements of film language and tasked with using this vocabulary to analyze cinematic texts. The primary goals of the survey are twofold: to help students recognize and identify particular historical approaches to understanding film; to enable students to apply a cinematic vocabulary to identify and analyze cinematic style in and across film texts and within and between film movements. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

covering 3-5 plays and at least one sonnet each term. Instructors might divide the plays by theme, genre, or chronology. ENG 201 may include Romeo and Juliet.

ENG 250 Introduction to Folklore and Mythology......4 credits College-level reading and writing skills (a passing grade in WR 115) or placement into WR 121) are strongly recommended for success in this course. The nature and formal principles of studying folklore and myth will be introduced and illustrated through a variety of texts, folk artifacts, and thematic ideas, including world-wide examples that extend beyond Western cultures. Students will examine folkloric elements in their own and each other's backgrounds, as well as textbook examples of folklore and folk life from regional, ethnic, age, gender, or work groups. Students will consider how myth informs their own and each other's backgrounds, as well as examine textbook examples of myth and mythic themes, motifs, and archetypes from regional, ethnic, age, gender, or work groups. The course will introduce students to formal approaches to a variety of folklore and myths, and explore the relationship between myth, culture, and society. Folklore and myth will also be considered from a cross-cultural perspective.

or placement into WR 121) are strongly recommended for success in this course. Survey of American Literature is a two-term sequence to acquaint students with representative works of important American writers, literary forms, and significant currents of thought. Primary emphasis is on reading and engaging with the literary materials, with an introduction to practices of literary interpretations. Questions of genre, authorship, aesthetics, and literary movements may be examined in their relationships to social, political, and intellectual movements of the United States. The second term will include literature from the end of the 19th century to the present.

ENG 257 The American Working Class in Fiction and

ENG 259 African American Poetry, Plays and Film4 credits College-level reading and writing skills (a passing grade in WR 115 or placement into WR 121) are strongly recommended for success in this course. This course creates several perspectives through which to explore the African American experience: Drama, Poetry, and Film Studies. This course is designed to allow students to utilize textual materials, dramatic presentations, films, and documentaries to chart, research, examine, and evaluate the interconnectedness of black plays, poetry, and film representations. Students will have at their disposal a variety of resources to aid them in understanding the themes, techniques, and critical theories underlying the foundations that black playwrights, poets, film historians, and filmmakers/ actors have developed and refined over the years. This course will guide students to a clearer yet more comprehensive understanding of the collaborative aspect of these artistic expressions in the African American world and their continuing influence on the larger American experience in Arts and Letters.

and ethnicity as they relate to horror. Students will be asked to learn a cinematic vocabulary and develop analytic skills so they can look at films critically through aesthetic, historic, and theoretical lenses. Weekly campus screenings are required, and clips of films are used in class for close analysis of aural and visual elements

FA 265 African American Film Images......4 credits Prerequisite: a passing score (C-/P or better) in WR 95 or its equivalent, placement into WR 115 (a score of 76RD and 76WR on the placement test), or instructor permission. This course gives students an introduction to African Americans' role in the history of Hollywood filmmaking, and the social, educational, and political climates that follow this cultural phenomenon of movie making. Several critical texts will reveal the historically complex and difficult relationship between black Americans and their desire to become an active, integral part of all aspects of the American film industry. Screenings of important films, class discussions, inside and outside of class group work, exams, and other relevant critical readings are essential aspects in guiding students' understanding of the peculiar problems complicating African Americans' full, rigorous admittance and participation into the Hollywood system. Weekly campus screenings are required, and clips of films are used in class for close analysis of aural and visual elements.

sexuality, and class in particular cinematic texts. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

Machine Shop, Machine Tools - See Manufacturing

Management - See Business and Hospitality Management

Manufacturing

For information, contact the Advanced Technology Division, Bldg. 15/Rm. 201, 541 463 5380

CNC 103 CNC Programming.......3 credits
Prerequisite/Co-requisite: CNC 102 This course teaches basic 2 1/2
axis CNC Mill and 2 axis CNC Lathe programming with G-code

ENGR 280M Co-op Ed: Manufacturing Technology3-12 credits This course provides students with manufacturing-related learning in businesses and industrial sites to integrate theory and practice gained in the classroom with practical experience in the professional world. Students will develop skills, explore career options and network with professionals and employers while earning credit toward a degree.

MFG 102 Shop Measurement and Coordinate System.......3 credits Prerequisite/Co-requisite: MFG 101 This course teaches basic measurement, print reading and concepts necessary to be successful in a shop environment. Topics covered include: Mixing ratios, Cartesian coordinate systems, speed and feeds, basic trigonometry for technicians.

MFG 124 Shop Measurement and Coordinate Systems 3 credits Prerequisite/Co-requisite: MFG 101 This course teaches basic measurement, print reading and math concepts necessary to be successful in a shop environment. Topics covered include: Mixing ratios, Cartesian coordinate systems, speed and feeds, basic trigonometry for technicians.

Mastercam software skills learned in MFG 210 applied to programming CNC lathes. Primary emphasis is on 2 axis turning centers. Introduction to CAM for multiple spindle, multiple axis turning centers. Orientation to CAM for milling complex 3D surfaces and mold cavities which will be further developed in MFG 212. Demonstration of the CAD/CAM/CNC process workflow using Mastercam software to create machine code for the LCC machining center. This course will be presented by means of lectures, demonstrations, and handson experience.

Mathematics

For information, contact the Mathematics Division, Bldg. 16/Rm. 166, 541.463.5392.

MTH 020 Math Renewal4 credits Within the past four terms completed MTH 010, MTH 010A, MTH 010T or equivalent course with a grade of "C-" or better or passed a placement test through the Testing Office. If you have taken a higher level math course than this and passed the course with a "C-" or better, you may not use this course for your degree/certificate requirementsThis course begins with a review of whole number, fraction, and decimal arithmetic that includes rounding, estimation, order of operations, averages, and the solving of one-step equations. This review is followed by an introduction to ratios, proportions, percent, measurement, and basic geometry in a problem-solving context, with the earlier review skills integrated throughout. Some applications for technical careers will be incorporated for students in professional technical programs. Scientific Calculator is required. Pleaserefer to the Calculator Recommendation Chart on lanecc.edu/ math. This course is available in a self-paced format (see heading Mathematics: Self-paced format). May be offered online.

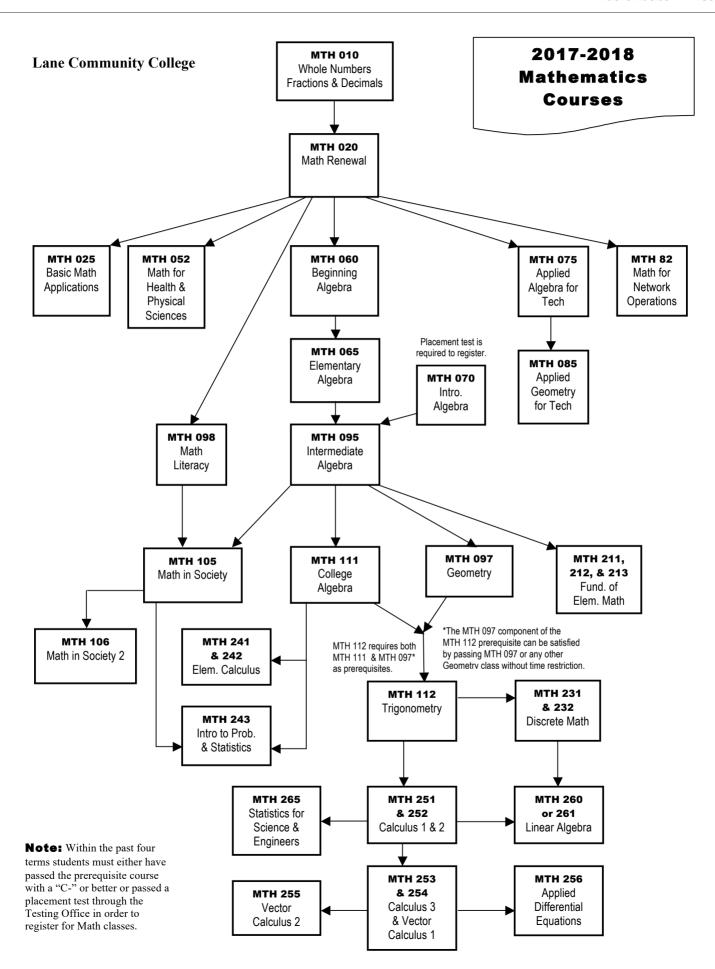
a grade of "C-" or better or passed a placement test through the Testing Office. MTH 075 Applied Algebra is a first course in algebra skills needed for technical mathematics, which includes the following: signed numbers, positive and negative exponents, scientific notation, forming expressions and equations from real situations, ratio and proportion, the Cartesian coordinate systems, rates of change, slope, linear equations, linear systems, quadratic equations, graphs, tables, charts, data analysis and problem solving. The course will emphasize clear communication of mathematical results. Application problems are realistic with some data to be collected, analyzed and discussed in group setting with results submitted in written form.

 of voting and apportionment, fair division, scheduling, or other topics approved by the Mathematics Division.

MTH 211 Fundamentals of Elementary Mathematics 14 credits Prerequisite: Within the past four terms completed MTH 095 or equivalent course with a grade of "C-" or better, or pass a placement test through the Testing Office. Course includes a survey of mathematical topics for those interested in the presentation of mathematics at the K-9 levels. A variety of manipulative and heuristic problem solving strategies are used. Emphasis is on problem solving, patterns, sequences, set theory, an introduction to logic, numeration systems, number bases, arithmetic operations with whole numbers and integers, and number theory.

MTH 212 Fundamentals of Elementary Mathematics 24 credits Prerequisite: MTH 211 with a grade of "C-" or better completed within the past four terms. Surveys mathematical topics for those interested in the presentation of mathematics at the K-9 levels. A variety of manipulative and heuristic problem solving strategies are used. Emphasis is on problem solving, rational numbers (as fractions and decimals), irrational and real numbers, proportional reasoning, percent, using elementary algebra (use of variables, equation solving, relations and functions), and an introduction to probability. A scientific calculator is required. Please refer to the Calculator Recommendation Chart on lanecc.edu/math.

MTH 213 Fundamentals of Elementary Mathematics 34 credits Prerequisite: MTH 211 or MTH 212 with a grade of "C-" or better completed within the past four terms. A survey of mathematical topics for those interested in the presentation of mathematics at the K-9 levels. A variety of manipulative and heuristic problem solving strategies are used. Emphasis is on problem solving, elementary statistics, introductory geometry (basic definitions, vocabulary, polygons, angles, 2-3 dimensional geometry, congruence, constructions, similarity), transformational geometry, and measurement systems.



order of the topics may vary with instructor and text. Scientific Calculator may be required. Please refer to the Calculator Recommendation Chart on *lanecc.edu/math*.

MTH 251 Calculus 1 (Differential Calculus)......5 credits Prerequisite: Within the past four terms completed MTH 112 or equivalent course with a grade of "C-" or better or passed placement tests through the Testing Office. MTH 251 is a first-term calculus course that includes a selective review of precalculus followed by development of the derivative from the perspective of rates of change, slopes of tangent lines, and numerical and graphical limits of difference quotients. The limit of the difference quotient is used as a basis for formulating analytical methods that include the power, product, and quotient rules. The chain rule and the technique of implicit differentiation are developed. Procedures for differentiating polynomial, exponential, logarithmic, and trigonometric functions are formulated. Analytical, graphical, and numerical methods are used to support one another in developing the course material. Opportunities are provided for students to work in groups, verbalize concepts with one another, and explore concepts and applications using technology. Graphing Calculator is required. Please refer to the Calculator Recommendation Chart on lanecc.edu/math.

MTH 254 Vector Calculus 1 (Introduction to Vectors and

MTH 255 Vector Calculus 2 (Introduction to Vector

Mechanics - See Automotive, Aviation, Diesel

Media Arts

For information about classes with course numbers that begin with:

FA 263-265 and ENG - Contact the Language, Literature and Communication Division, Center Bldg./Rm. 457, 541.463.5419.

ART, AUD, FA, MDP, MUL, VP - Contact the Art and Applied Design Department, Bldg. 11/Rm. 101, 541.463.5409.

architecture including strategy, planning, usability, and design of integrated web sites. May be offered as traditional classroom instruction, fully online, or as a hybrid course.

ENG 195 International Film Histories4 credits Suggested prerequisite: placement into WR 115 or above (collegelevel reading and writing skills). This is the first course in a threepart survey of film history (aesthetic, economic, technological, and cultural). ENG 195 explores the evolution of film language from the silent era to WWII, and the various cinematic and artistic movements. as well as the economic context that led to the development of the US Studio System and Classical Hollywood Style, Students will be introduced to the basic elements of film language and tasked with using this vocabulary to analyze cinematic texts. The primary goals of the survey are twofold: to help students recognize and identify particular historical approaches to understanding film; to help students develop a sufficient cinematic vocabulary to identify and analyze cinematic style in and across film texts and within and between film movements. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

ENG 196 International Film Histories4 credits Suggested prerequisite: placement into WR 115 or above (collegelevel reading and writing skills). This is the second course in a threepart survey of film history: aesthetic, economic, technological, and cultural. ENG 196 explores the maturation and decline of the studio system in postwar U.S., as well as key international film movements that were informed by, but also challenged, the Hollywood model. Students will be introduced to the basic visual and aural elements of film language and tasked with using this vocabulary to analyze cinematic texts. The primary goals of the survey are twofold: to help students recognize and identify particular historical approaches to understanding film; to enable students to apply a cinematic vocabulary to identify and analyze cinematic style in and across film texts and within and between film movements. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

ENG 197 International Film Histories4 credits Suggested prerequisite: placement into WR 115 or above (collegelevel reading and writing skills). This is the third course in a threepart survey of film history (aesthetic, economic, technological, and cultural). ENG 197 focuses on contemporary world cinema beginning with various counter-cinemas of the 1960s, "new cinemas" of the 1970s, the rise of the entertainment economy in the 1980s, and concludes with a focus on present-day digital cinemas within a global and trans-media market. Students will be introduced to the basic visual and aural elements of film language and tasked with using this vocabulary to analyze cinematic texts. The primary goals of the survey are twofold: to help students recognize and identify particular historical approaches to understanding film; to enable students to apply a cinematic vocabulary to identify and analyze cinematic style in and across film texts and within and between film movements. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

 programming, this course is about applying multimedia design to an authoring language framework to solve implementation problems, and to enhance non-linear content presentation. Activities will focus primarily on completed multimedia projects and their effectiveness.

FA 265 African American Film Images......4 credits Prerequisite: a passing score (C-/P or better) in WR 95 or its equivalent, placement into WR 115 (a score of 76RD and 76WR on the placement test), or instructor permission. This course gives students an introduction to African Americans' role in the history of Hollywood filmmaking, and the social, educational, and political climates that follow this cultural phenomenon of movie making. Several critical texts will reveal the historically complex and difficult relationship between black Americans and their desire to become an active, integral part of all aspects of the American film industry. Screenings of important films, class discussions, inside and outside of class group work, exams, and other relevant critical readings are essential aspects in guiding students' understanding of the peculiar problems complicating African Americans' full, rigorous admittance and participation into the Hollywood system. Weekly campus screenings are required, and clips of films are used in class for close analysis of aural and visual elements.

and class. Students will be introduced to a cinematic language, the history of cinematic representation, and theoretical discussions of meaning-making, reception, production, and distribution of cinematic texts. Culminating projects will involve the application of cinematic theory in an analysis of the construction of race, gender, sexuality, and class in particular cinematic texts. Weekly campus screenings are required, and clips of films are used in class for close analysis and are an integral part of the course.

MDP 280 Co-op Ed: Multimedia.......3-12 credits Prerequisite: Instructor approval. Co-op offers work experience in a professional multimedia-related business. Students integrate theory and practice gained in the classroom with practical experience in the professional world. Students develop skills, explore career options and network with professionals and employers while earning credit toward a degree. Contact the multimedia design co-op coordinator before registering. Course may be repeated.

 sound, and animation. Emphasis is on design implementation and human factors, user analysis, interface and interaction considerations, project management, and understanding client needs.

Medical Assisting

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Medical Assisting program to take some these classes.

052 with a grade of C or higher and previous completion of or concurrent enrollment in all fall term Medical Office Assistant courses. Introduction to clinical assisting in the ambulatory care setting. Includes learning aseptic technique, sterilization of instruments, exam room techniques, vital signs, taking a patient history, proper handling of patient medical record and documentation requirements.

MA 206 Co-op Ed: Medical Office Assistant Seminar............ 2 credits Prequisite: Credit level MA 110 minimum grade of C and credit level HO 112 minimum grade of C. Students will increase their understanding of the medical profession, learn effective resume writing, interviewing techniques and job search skills. Students will learn and practice presenting themselves professionally to employers in preparation for a cooperative education internship.

Microbiology - See Anatomy/Physiology/Microbiology

Multimedia Design - See Media Arts

Music

For information, contact the Music, Dance and Theatre Arts Department, Bldg. 6/Rm. 204, 541.463.3108.

 will then create their own songs or develop more refined song analysis techniques.

MUS 115 Sight-reading and Ear Training (Second Term).....2 credits Prerequisites: MUS 114. Second in three term sequence of courses developing the skills necessary to read melodies at sight and to notate melodies one hears. It includes study of rhythm and meter, tonality and modality (solfeggio) scales, triads and seventh chords, cadences, and conducting patterns. Designed to be taken with MUS 112 and MUS 128 concurrently.

MUS 116 Sight-reading and Ear Training (Third Term)2 credits Prerequisites: MUS 115. Third in three-term sequence of courses developing the skills necessary to read melodies at sight and to notate melodies one hears. It includes study of rhythm and meter, tonality and modality (solfeggio) scales, This course is designed to be taken with MUS 113 and MUS 129 concurrently.

MUS 134 Group Voice......2 credits This class is designed to help students develop their voices for singing. They will be instructed individually and as a group in vocal techniques that will improve the quality of their voices. They will learn

about diction, phrasing, dynamics, expression, posture, breath-control, and vocal resonance as well as the basic anatomy of singing. They will also learn how to cope with the fear of singing in front of others. No musical background is needed to take this class. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 6 total credits. May be applied to transfer associate's degrees.

MUS 201 Exploring Music: Introduction to Music and

MUS 202 Exploring Music: Introduction to Music and

MUS 203 Exploring Music: Introduction to Music and

MUS 224 Sight-reading and Ear Training (First Term)............2 credits Pre-reqs: MUS 113, MUS 116, MUS 129. This is the first of a three-term sequence. Continues development of student's perception, knowledge, and skills needed to notate melodies, 2 and 4 part harmonies. This course is designed to be taken with MUS 211 and MUS 214 concurrently.

MUS 225 Sight-reading and Ear Training (Second Term).....2 credits Prerequisites: MUS 224. This is the second of a three-term sequence. Continues development of student's perception, knowledge, and skills needed to read and write music. This course is designed to be taken with MUS 212 and MUS 215 concurrently.

MUS 226 Sight-reading and Ear Training (Third Term)2 credits Prerequisites: MUS 225. This is the third of a three-term sequence. Continues development of student's perception, knowledge, and skills needed to read and write music. This course is designed to be taken with MUS 213 and MUS 216 concurrently.

 stigmas relating to hip-hop culture and compare/contrast attitudes and values of specific eras of this culture. We will analyze pertinent artists, events and landmark recordings in this process.

experienced community instrumentalists with student musicians creating an excellent orchestra experience for all. The class is limited to six saxophones, five trumpets, five trombones, piano, bass, guitar, and trap set. Audition required. The Lane Jazz Ensemble performs formal concerts on and off campus throughout the year (Fall, Winter, Spring). Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits. May be transferred.

Music Lessons

For information, contact the Music, Dance and Theatre Arts Department, Bldg. 6/Rm. 204, 541.463.3108.

MUP 183 Individual Lessons: Clarinet (First-year level) 2 credits Prerequisite: Jury required to enter this level. See course description for MUP 171. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 184 Individual Lessons: Saxophone

MUP 185 Individual Lessons: Bassoon (First-year level) 2 credits Prerequisite: Jury required to enter this level. See course description for MUP 171. May be repeated up to 12 total credits.

MUP 186 Individual Lessons: Trumpet (First-year level) 2 credits Prerequisite: Jury required to enter this level. See course description for MUP 171. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 187 Individual Lessons: French Horn

MUP 188 Individual Lessons: Trombone

(First-year level) 2 credits
Prerequisite: Jury required to enter this level. See course description
for MUP 171. Contents and expected learning proficiencies of this
course vary from term to term. May be repeated up to 12 total credits.

MUP 189 Individual Lessons: Baritone Horn

MUP 191 Individual Lessons: Percussion (First-year level)2 credits Prerequisite: Jury required to enter this level. See course description for MUP 171. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 192 Individual Lessons: Electric Bass

MUP 271 Individual Lessons: Piano (Second-year level)......2 credits Prerequisite: Jury required to enter this level. Individual instruction in technical and stylistic aspects of solo performance. Each term students enroll for one 50-minute lesson each week. Regular practice outside of lessons is expected. Consult with instructor regarding expectations. Contents and expected learning proficiencies of this course vary from term to term. Individual instruction in technical and stylistic aspects of solo performance for pre- and non-majors. Students receive 10 50-min lessons each term in their major instrument. Instruction is offered in the following: baritone horn, bassoon, cello, clarinet, classical guitar, electric bass guitar, flute, French horn, harp, jazz guitar, oboe, percussion, piano, saxophone, string bass, trombone, trumpet, tuba, viola, violin, voice. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 274 Individual Lessons: Voice (Second-year level)2 credits Prerequisite: Jury required to enter this level. See course description for MUP 271. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 275 Individual Lessons: Violin (Second-year level)......2 credits Prerequisite: Jury required to enter this level. See course description for MUP 271. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 281 Individual Lessons: Flute (Second-year level)......2 credits Prerequisite: Jury required to enter this level. See course description for MUP 271. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 12 total credits.

MUP 283 Individual Lessons: Clarinet

MUP 284 Individual Lessons: Saxophone

MUP 286 Individual Lessons: Trumpet

MUP 287 Individual Lessons: French Horn

MUP 288 Individual Lessons: Trombone

MUP 289 Individual Lessons: Baritone Horn

MUP 290 Individual Lessons: Tuba

MUP 291 Individual Lessons: Percussion

MUP 292 Individual Lessons: Electric Bass

MUP 294 Individual Lessons: Guitar

Nursing

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Nursing program to take these classes.

EL 115H Effective Learning: Health Science Majors...... 3 credits This course is designed for health occupation majors who wish to strengthen their study skills and strategies. Students will learn how to take notes from lectures and textbooks, use their preferred learning styles, study for tests, improve memory, read and study from textbooks, manage time effectively, use the library, and make visual study tools. Course work requires college-level reading skills.

A criminal background check is required for each student and fingerprinting may be required. Enrollment restricted to pre-nursing and pre-respiratory care students.

NRS 110A Foundations of Nursing-Health Promotion4 credits Prerequisite: Admission in Nursing Program. Corequisite: NRS 110B. This course introduces the learner to framework of the OCNE curriculum. The emphasis is on health promotion across the life span includes learning about self-health as well as client health practices. To support self and client health practices, students learn to access research evidence about healthy lifestyle patterns and risk factors for disease/illness, apply growth and development theory, interview clients in a culturally-sensitive manner, work as members of a multidisciplinary team giving and receiving feedback about performance, and use reflective thinking about their practice as nursing students. The family experiencing a normal pregnancy is a major exemplar.

NRS 110B Foundations of Nursing-Health Promotion

NRS 111A Foundations of Nursing in Chronic Illness 1....... 2 credits This course introduces assessment and common interventions (including technical procedures) for clients with chronic illnesses common across the life span in major ethnic groups within Oregon. The client and family' "lived experience" of the illness, coupled with clinical practice guidelines and extant research evidence is used to guide clinical judgments in care to the chronically ill. Roles of multidisciplinary team in care of the chronically ill, and legal aspects of delegations are explored. Through case scenarios, cultural, ethical, health policy, and health care delivery system issues are explored in the context of the chronic illness care. Case exemplars include children with asthma, adolescent with a mood disorder, adult-onset diabetes, and older adults with dementia. (Concurrent with Pathophysiology 1 and Pharmacology 2). (Can follow Foundations of Nursing in Acute Care I).

NRS 111B Foundations of Nursing in Chronic Illness 1-

NRS 112B Foundations of Nursing in Acute Care 1

NRS 221A Foundations of Nursing in Chronic Illness 2

care giving and symptom management is a major focus and basis for nursing interventions with patients and families. Ethical issues related to advocacy, self determination, and autonomy is explored. Complex skills associated with symptom management, negotiating in interdisciplinary teams, and the impact of individual and family development cultural beliefs are included in the context of client and family centered care. Exemplars include patients with chronic mental illness and well as other chronic conditions and disabilities affecting functional status and family relationships.

NRS 221B Foundations of Nursing in Chronic Illness 2

and End-of-Life Clinical Lab......5 credits

Corequisite: NRS 221A. Clinical Lab required for NRS221A.

NRS 222A Foundations of Nursing in Acute Care 2

Prerequisite: Admission in Nursing Program. This course builds on Nursing in Acute Care I, focusing on more complex and/or unstable patient care situations, some of which require strong recognitional skills, rapid decision making, and some of which may result in death. The evidence base supporting appropriate focused assessments, and effective efficient nursing interventions is explored. Life span and developmental factors, cultural variables, and legal aspects of care frame the ethical decision-making employed in patient choices for treatment or palliative care within the acute care setting. Case scenarios incorporate prioritizing care needs, delegation and supervision, family and patient teaching for discharge planning or end-of-life care. Exemplars include acute psychiatric disorders, pregnancy-related complications, as well as acute conditions affecting multiple body systems.

NRS 222B Foundations of Nursing in Acute Care 2

Corequisite: NRS 222A. Clinical Lab required for NRS222A.

NRS 224A Integrative Practicum 12 credits Prerequisite: NRS 222A and NRS 222B and admission in the Nursing Program. Corequisite: NRS 224B. This course is designed to formalize the clinical judgments, knowledge and skills necessary in safe, registered nurse practice. The preceptor model provides a context that allows the student to experience the nursing work world in a selected setting, balancing the demands of job and life long learner. Faculty/preceptor/student analysis and reflection throughout the experience provide the student with evaluative criteria against which they can judge their own performance and develop a practice framework. Required for AAS and eligibility for RN licensure. May be offered online.

NRS 224B Integrative Practicum 1 Lab7 credits Corequisite: NRS 224A. Clinical Lab required for NRS224A.

NRS 230 Clinical Pharmacology 1......3 credits Prerequisite: Admission in the Nursing Program. This course introduces the theoretical background that enables students to provide safe and effective care related to drugs and natural products to persons throughout the lifespan. Students will learn to make selected clinical decisions regarding using current, reliable sources of information, monitoring and evaluating the effectiveness of drug therapy, teaching persons from diverse populations regarding safe and effective use of drugs and natural products, intervening to increase therapeutic benefits and reduce potential negative effects, and communicating appropriately with other health professionals regarding drug therapy. Drugs are studied by therapeutic or pharmacological class using an organized framework.

NRS 231 Clinical Pharmacology 2......3 credits Prerequisite: NRS 230 and admission in the Nursing Program. This sequel to Clinical Pharmacology I continues to provide the theoretical background that enables students to provide safe and effective care related to drugs and natural products to persons throughout the lifespan. Students will learn to make selected clinical decisions regarding using current, reliable sources of information, monitoring and evaluating the effectiveness of drug therapy, teaching persons from diverse populations regarding safe and effective use of drugs and natural products, intervening to increase therapeutic benefits and reduce potential negative effects, and communicating appropriately with other health professionals regarding drug therapy. The course addresses additional classes of drugs and related natural products not contained in Clinical Pharmacology 1.

NRS 232 Pathophysiological Processes 1 3 credits Prerequisite: BI 112 and BI 233 or BI 112 and BI 102G or BI 101F and BI 233 or BI 211 and BI 233 or BI 101K and BI 233 or BI 101K and BI

102G; and BI 234. Admission in Nursing Program. This course introduces pathophysiological processes that contribute to many different disease states across the lifespan and human responses to those processes. Students will learn to make selective clinical decisions regarding using current, reliable sources of pathophysiology information, selecting and interpreting focused assessments based on knowledge of pathophysiological processes, teaching persons from diverse populations regarding pathophysiological processes, and communicating with other health professionals regarding pathophysiological processes. Prerequisites: Anatomy and Physiology sequience; Microbiology.

NRS 233 Pathophysiological Process 23 credits Prerequsitie: NRS 232 and admission in the Nursing Program. This seguel to Pathophysiological Processes I continues to explore pathophysiological processes that contribute to disease states across the lifespan and human responses to those processes. Students will learn to make selective clinical decisions regarding using current. reliable sources of pathophysiology information, selecting and interpreting focused assessments based on knowledge of pathophysiological processes, teaching persons from diverse populations regarding pathophysiological processes, and communicating with other health professionals regarding pathophysiological processes. The course addresses additional pathophysiological processes not contained in Pathophysiological Processes I.

NRS 280 Co-op Ed: Nursing.....2-12 credits Prerequisite: Admission in Nursing Program. This is a voluntary learning experience in a professional medical setting where students gain additional nursing skills under the guidance of working nursing professionals, explore career options, and integrate theory and practice. This course in not required for the Nursing Program AAS degree

Prerequisite: WR 115; HO 100; BI 233; PSY 201 Admission in the Practical Nursing program. This course is the first of three terms in the Practical Nursing Program. Content covered in the classroom and lab will include: nursing and the health care delivery system, complementary and alternative care; legal and ethical issues, including scope of practice; communication; nursing process, critical thinking, physical assessment; documentation, abbreviations, HIPAA; development across the life span; health promotion; cultural diversity; nutrition and therapeutic diets; medical asepsis and infection control; pharmacology and medication administration; and pain assessment. Skills taught during this course will include communication techniques, physical assessment, ambulatory care skills; focused assessments (Braden, falls risk, mini cognition and pain), nursing process, documentation, and oral, topical, drops, ointments, sublinqual medication administration, dosage calculation. Clinical application of content and skills will take place in the nursing lab and in outpatient and ambulatory care settings. May be offered in a format with some online instruction.

PN 102 Practical Nursing 2 12 credits Prerequisite: PN 101 Classroom content continues the application of the nursing process and the practical nursing scope of practice in selected medical-surgical areas including care of patients with cardiovascular, endocrine, respiratory, gastrointestinal, and renal disorders, and care of the patient having surgery. Pain management and an introduction to mental health disorders are also included in this course. Skills taught this term include care of ostomies and nasogastric and small -bore feeding tubes, urinary catheter insertion, capillary blood sugar measurement, injectable and enteral medication administration, application of antithromboembolic devices, intravenous therapy (maintenance IVs- - hanging and programming rates), care of surgical drains, and suture removal. Clinical application of theory content will take place in the Simulation lab and in the acute care setting.

PN 103 Practical Nursing 313 credits Prerequisites: PN 102 Care of persons with cancer, other hematological, immune, mental health, and reproductive disorders; pediatric and obstetrical patients; end-of-life care. Trends in practical nursing; intravenous medications. Clinical applications in the simulation lab and in the acute-care and clinic settings. May be offered through Distance Learning.

Nutrition

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541 463 5617

FN 245 Medical Nutrition Therapy folr Dietary Managers ... 3 credits Prerequisite: FN 105 or FN 225 This course focuses on Medical NutritionTherapy concepts within the scope of a dietary manager working within a skilled nursing facility. The content is designed to prepare students for their cooperative education experience, the dietary manager credentialing examination, and their professional careers

Office Assistant - See Administrative Support

Paramedic - See Emergency Medical/Paramedic

Parent Education - See Early Childhood Education

Philosophy and Religion

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

and see *lanecc.edu/honors* for information. Ethics is the study of morality, including an analysis of the concepts of good and evil, right and wrong, justice and injustice, duty, responsibility, character, and successful living. Possible topics include whether morality is relative to culture or to the individual, the relationship between morality and religion, theories about what make particular actions right or wrong, moral skepticism, and eastern perspectives on right action. May be offered as a live interactive course.

PHL 205 H Contemporary Moral Issues-Honors4 credits This honors class delves deeper into course topics and requires a high level of student motivation; the pace may be faster than nonhonors courses. WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. Contact the instructor and see lanecc.edu/honors for information. This course focuses on ethical issues, which affect our daily lives in personal, social, and political spheres. Issues covered will vary by instructor, but may include our duties to animals and the environment; consumerism and materialism; issues in bioethics such as abortion, euthanasia, human cloning and genetic engineering; 'victimless' crimes such as drugs, pornography and prostitution; poverty, both in the U.S. and abroad; war; free speech and other personal liberties; and various forms of discrimination and prejudice. This course also meets Lane Degree requirements that are fullfilled by the same course number without the _H.

PHL 221 H Critical Thinking-Honors......4 credits This class is an honors option available to students prepared to complete honors-level coursework. Honors options delve deeper into course topics and require a high level of student motivation; the pace may be faster than non-honors courses.WR 121-readiness (score of at least 96 on the sentence-skills placement test) recommended. Contact the instructor and visit lanecc.edu/honors for more information. This course is aimed at developing practical reasoning skills. Students will learn to analyze and evaluate arguments, detect fallacies, distinguish science from pseudo-science, recognize media bias, and better understand methods of deception employed by advertisers, political organizations and others. A central goal of this course is to develop an attitude of fair-mindedness and intellectual honesty while learning to avoid the pitfalls of defensiveness and rationalization. This course also meets Lane Degree requirements that are fullfilled by the same course number without the H.

REL 231 Buddhist Meditation Traditions: Principles and

Photography

For information, contact the Art and Applied Design Department, Bldg. 11/Rm. 101,541.463.5409.

 camera-handling techniques are introduced through a variety of shooting assignments.

ART 264 Photography as Method: Mixed Media

ART 283 Fine Art Black/White Photography and Printing ... 3 credits Prerequisite: ART 262. A course in advanced darkroom and photographic printing techniques for aspiring professionals and artists. Focus is on black-and-white photography featuring medium and large format cameras. Content includes an introduction to platinum printing and assignments promoting development of skill necessary for artists and photographers. Contents and expected learning proficiencies of this course vary from term to term. May be repeated up to 9 total credits.

Physical Education

Also see Dance and Fitness Training

For information, contact the Health and PE Division, Bldg. 5/Rm. 205, 541.463.5545.

HE 280PH Co-op Ed: Public Health.......3-12 credits This internship course provides on-the-job learning experiences in the Health Education, Promotion and Public health field. Students earn college credit while working under the supervision of a health professional. Internship sites are selected to support each student's career goals, contributing to the student's education and future employability.

ı	PE 181B Cardio Core Conditioning1 credits
	Designed to improve daily functioning, this class integrates rhythmic
(cardiovascular and resistance exercises with core conditioning tech-
1	niques. Steps, hand weights and elastic bands are utilized to max-
i	mize exercise benefits. This class format is suitable for students of
١	various fitness levels.

 attend exercise sessions to fulfill course requirements and meet personal fitness goals. All fitness levels welcome.

PE 183W Progressive Integrative Exercise...... 1 credits Students perform personalized corrective exercise programs to improve fitness in both the injured and individuals with controlled diseases. Flexibility, strength, cardiovascular endurance, nutrition and stress management principles will be covered. Must be able to exercise with minimal supervision.

and tactical skills. Expanded instruction in the rules and sportsmanship of fencing, tournament play will be included. Class includes warm-up and stretching skills.

PE 184N Conditioning for Martial Arts...... 1 credits Specific fitness, flexibility and movement skills for martial arts. Includes cardio fitness and muscular endurance exercises. Develops core strength, limb strength, and improve flexibility. A variety of exercise modalities will be used including body weight resistance and resistance bands.

PE 185T Tai Chi Chuan 1 credits Beginning concepts of Yang style Tai Chi Chuan. Develop flexibility, relaxation and concentration. Improve balance, energy flow, breathing and coordination of body movement. Learn how nutrition contributes to improved wellbeing and stress reduction.

 individuals who are preparing for a competitive baseball experience. Course covers terminology, regulations, strategy, conduct, sportsmanship and healthy lifestyle choices. Previous competitive playing experience recommended.

Physical Science - See Chemistry, Earth and Environmental Science, Physics

Physical Therapist Assistant

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Physical Therapist Assistant program to take these classes.

PTA 104 PT Interventions-Orthopedic Dysfunctions 5 credits Prerequisite: PTA 103, PTA 132 Corequisite: PTA 104L This course designed to assist students in gaining a greater understanding of bone tissue disease and disorders, and their effects on function across the lifespan. Anatomy, physiology, etiology, and theory are integrated with clinical considerations for effective physical therapy treatment. May be offered online.

PTA 104L PT Interventions-Orthopedic Dysfunctions Lab ... 2 credits Prerequisites: PTA 132, and PTA 132L. Corequisite: PTA 104. This corequisite lab for PTA 104 allows students to practice clinical skills, tests, and measures for improving outcomes in patients/clients with orthopedic conditions. May be offered in a format with some online instruction.

interventions to improve peripheral joint motion and function as indicated within the physical therapy plan of care. May be offered online.

PTA 200 Professionalism, Ethics, and Exam Preparation.....4 credits Prerequisite: Admission into PTA Program, second year student. Corequisite: PTA 203. This course is designed to prepare the student physical therapist assistant (SPTA) for ethical situations that are common in the clinical setting. The course prepares the SPTA for the licensing exam and further professional development for entry into the workplace. May be offered online.

PTA 201 Physical Therapy and the Older Adult.......2-24 credits Prerequisite: admission into PTA Program, second year student. This course is designed to facilitate understanding of older adults and their needs and to promote concepts of successful aging based on the physical therapy interventions. Dementia, pharmacology, fall prevention, and the PTA's role in the team approach to providing quality care for the older adult will be examined. May be offered in a format with some online instruction.

PTA 204 PT Interventions - Neurological Dysfunctions........ 5 credits Prerequisite: PTA 104, PTA 104L, PTA 133, and PTA 133L. Corequisite: PTA 204L. This course is designed to assist PTA students in gaining a greater understanding of the various neurological challenges, including mental health, that affect clients in the PT environment. May be offered online.

PTA 204L PT Interventions - Neurological

PTA 205 PT Interventions - Complex Medical

PTA 205L PT Interventions - Complex Medical

PTA 280A Co-op Ed: First Clinical Internship4-8 credits Prerequisite: PTA 104, PTA 104L, PTA 133 and PTA 133L Second year PTA students apply PT interventions under PT/PTA supervision at a contracted clinical site. Students progress toward advanced beginner and intermediate PTA practice by demonstrating communication and critical thinking for the workplace. This is the first of three off-campus clinical learning experiences.

PTA 280B Co-op Ed: Second Clinical Internship............4-8 credits Prerequisite: PTA 280A Second year PTA students apply PT interventions under PT/PTA supervision at a contracted clinical site. Students progress toward intermediate and advanced intermediate PTA practice by demonstrating communication and critical thinking for the workplace. This is the second of three off-campus clinical learning experiences.

PTA 280C Co-op Ed: Third Clinical Internship........4-8 credits Prerequisite: PTA 280B Second year PTA students apply PT interventions under PT/PTA supervision at a contracted clinical site. Students progress toward entry-level PTA practice by demonstrating communication and critical thinking for the workplace. This is the third and final of three off-campus clinical learning experiences.

Physics

For information, contact the Science Division, Bldg. 16/Rm. 156, 541.463.5446.

ASTR 123 Cosmology and the Large-Scale Structure of the

101,2,3 are recommended for anyone seeking a good basic level of physics literacy. The sequence is designed for non-science majors, but also serves prospective science majors who want to gain a better conceptual grounding before taking General Physics. The sequence also meets physics elective requirements for career-technical students, and provides physics transfer credit if needed. Emphasis is on everyday phenomena and conceptual understanding more than calculations. PH 101 focuses on the nature of science, data analysis, Newton'¬is explanation of motion, momentum, energy, gravity, the atomic nature of matter, and properties of solids, liquids, gases, and plasmas. The class environment includes labs, demonstrations, discussion, and individual and group activities.

PH 190 Physics Investigation Laboratory......2-3 credits Prerequisites: ASTR 107 or ASTR 121 or ASTR 122 or ASTR 123 or GS 104 or PH 101 or PH 102 or PH 103 or PH 201 or PH 202 or PH 203 or PH 211 or PH 212 or PH 213 with a grade of C or better and MTH 095 or higher or instructor consent. A rich undergraduate research experience in which students learn to think as scientists, gather and manage data, and individually and collectively develop useful questions and conclusions. Goals include design, exploration and testing appropriate to science and engineering. This two credit option can be repeatead up to 6 credits.

 Corequisite: MTH 252. PH 212 introduces rotational motion, fluid pressure and Bernouli's equation, oscillatory motion, and fundamentals of waves and optics. See information about the General Physics with Calculus sequence in the PH 211 course description. The class environment includes labs, demonstrations, discussion, and individual and group activities.

Political Science

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541,463.5427.

militarization on social programs, the concentration of media, economic inequality in the United States, the prison industrial complex, and a variety of social and environmental justice issues.

PS 275 Legal Processes Through Civil Rights and Liberties 4 credits This course introduces students to basic concepts of the legal system by focusing on the civil rights and liberties of American citizens. Among the legal principles covered are how the court system is organized, the differences between civil and criminal law, and how court cases are appealed. Fundamental civil rights and liberties covered include the issues of free speech, unreasonable search and seizure, the right to counsel, the impact of the Patriot Act on these rights, the right to privacy including a woman's right to control her own body, freedom of religion, the separation of church and state, and the equal protection of the laws dealing with discrimination in America.

PS 280 Co-op Ed: Political Science2-12 credits Intern with governmental and political professionals. Work on political campaigns, assist federal/state/local legislators or work with grass roots organizations. Enhance your academic and career resumes, develop workplace skills and earn academic credit. No prior experience required; a one term commitment is required, but course can be repeated.

PS 280LW Co-op Ed: Pre Law2-12 credits This internship is for students anticipating a legal career. Learn and work with lawyers, legal assistants and other legal professionals in areas of legal administration, research, working with clients and the courts. A one term commitment is required, but course can be repeated.

Psychology

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

Radio - See Media Arts

Reading - See Study Skills and College Prep

Religion - See Philosophy and Religion

Respiratory Care

For information, contact the Health Professions Division, Bldg. 4/Rm. 222, 541.463.5617. You must be accepted into the Respiratory Care program to take these classes.

EL 115H Effective Learning: Health Science Majors...... 3 credits This course is designed for health occupation majors who wish to strengthen their study skills and strategies. Students will learn how to take notes from lectures and textbooks, use their preferred learning styles, study for tests, improve memory, read and study from textbooks, manage time effectively, use the library, and make visual study tools. Course work requires college-level reading skills.

Discussion includes ventilator settings, monitoring/assessment parameters, devices used for long-term mechanical ventilatory support. May be offered online.

RT 114 Fundamentals of Respiratory Care Professionalism 3 credits Prerequisite: Acceptance into the Respiratory Care Program. Provides instruction in professionalism, communication, conflict resolution, cultural competency, health literacy, and legal / ethical issues relevant to the practice of the respiratory care professional. May be offered online.

RT 154 Introduction to Cardiopulmonary Monitoring and

 RT 251 Cardiopulmonary Diagnostics and Monitoring Lab.1 credits Co-requisite: RT 254 Emphasis is placed on beside patient assessment, laboratory investigation, pulmonary function testing techniques and interpretation of results, radiologic assessment and arterial blood gas interpretation. Topics include bronchoscopy assisting and assessment of sleep disorders.

RT 254 Cardiopulmonary Diagnostics and Monitoring3 credits Prerequisites: RT 154 and RT 144 (minimum passing grade of C) or consent of instructor Emphasis is placed on diagnostic and monitoring principles used in the clinical evaluation and pulmonary management of patients. Cardiopulmonary assessment and related diagnostic procedures are presented for acute and chronic cardiopulmonary disease. May be offered online.

RT 280A Co-op Ed: Respiratory Care Clinical Practice 17 credits Prerequisite: RT 144 and RT 146 (minimum passing grade of C), or consent of instructor First in a sequence of four courses for development of skills in patient assessment and application of therapeutic modalities in the treatment of respiratory disorders; focus is on basic therapy, infection control, and development of professional attitudes/ behaviors in the clinical setting.

RT 280B Co-op Ed: Respiratory Care Clinical Practice 25 credits Prerequisite: RT 280 A or RT 236 (with a minimum grade of Pass) or consent of instructor Second of four courses for continued development of skills in patient assessment and application of therapeutic modalities in the treatment of respiratory disorders, and professional attitudes/ behaviors in the clinical setting. Emphasis on diagnostic studies of pulmonary disorders.

RT 280C Co-op Ed: Respiratory Care Clinical Practice 37 credits Prerequisite: RT 280B or RT 248 or consent of instructor. Third of four courses focuses on development of skills in patient assessment, application of therapeutic modalities with critical care patients, and professional attitudes/ behaviors in the clinical setting. Adult intensive care and initiation/monitoring of mechanical ventilators emphasized.

RT 280D Co-op Ed:Respiratory Care Clinical Practice 4.......7 credits Prerequisites: RT 280C or RT 258 (with a minimum grade of Pass) or consent of instructor Fourth of four courses focuses on continued development of skills in critical care patient assessment, application of intensive care therapeutic modalities, and professional attitudes/behaviors in the clinical setting. Assignments include neonatal and pediatric respiratory care.

Robotics - See Electronics

Sales and Marketing - See Business

Science - See Anatomy/Physiology/Microbiology, Biology, Chemistry, Earth and Environmental Science, Energy Management, Engineering, Physics

Semiconductor Manufacturing - See Electronics

Social Science - See Anthropology, Criminal Justice, Economics, Geography, Ethnic Studies, History, Human Services, Humanities, Philosophy and Religion, Political Science, Psychology, Sociology, Women's Studies

Sociology

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

Throughout history, cultural views and practices regarding women's bodies have fundamentally affected women's experiences, position, and relative power in society. This class focuses on the embodied experiences of women, in what ways these experiences are socially constructed, and women's accommodation and resistance to those cultural constraints. Major areas of focus will include women's health, reproduction, sexuality, gendered violence, and body image, and will include cross-cultural information.

Spanish - See Language Studies

Spelling - See Study Skills

Student Leadership Development

For information, contact the Student Life and Leadership Department, Bldg. 1/Rm. 206, 541.463.5337.

SLD 103 Post-Racial America: Challenges &

SLD 111 Chicano/Latino Leadership 1:

Chicano, Mexicano, Latino, Hispanic and Caribbean cultural experience in the Americas. The class will provide a framework for understanding the ways in which distinctive social and cultural patterns arose, thus, bringing awareness of contemporary expression and their historical basis. We will explore root causes to explain how the attitudes and behaviors of the Latino community were shaped. We will assess the ability to survive as Raza by fashioning syncretic adaptive strategies to the changing conditions since 1492. A theory of transformation model will be a guiding theme of the class as students will be challenged to create a leadership that will create a leadership that will transform the condition of the Chicano/Latino community.

SLD 112 Chicano/Latino Leadership 2: Cultural Heroes.......4 credits This class will explore the concept of cultural heroes within the context of the Chicano/Latino experience. We will identify socio-historic processes that serve to highlight or diminish Chicano/Latino cultural heroes. Students will discuss and create strategies in which to celebrate and honor Chicano/Mexicano, Latino, Hispanic and Caribbean cultural heroes in school and community events. In addition, this class will explore the contributions and achievements of Chicano/Latinos in the Americas. We will survey the Chicano/Latino historical presence in the social, economic, political and cultural landscape of the United States and identify socio-historic processes that serve to highlight or diminish Chicano/Latino contributions and achievements. A theory of transformation model will be a guiding theme of the class as students will be challenged to create a leadership that will transform the condition of the Chicano/Latino community.

SLD 113 Chicano/Latino Leadership 3:

SLD 121 African American Leadership:

Studio Art Classes - See Art, Studio

Study Skills and College Prep

Also see Mathematics and Writing

For information about classes with course numbers that begin with:

CG - Contact the Counseling Department, Bldg. 1/Rm. 103, 541.463.5299.

EL and RD - Contact Academic Learning Skills, Bldg. 11/Rm. 245, 541.463.5439.

so that students will increase their English language proficiency and improve their reading skills.

Television - See Media Arts

Theatre Arts

For information, contact the Music, Dance and Theatre Arts Department, Bldg. 6/Rm. 204. 541.463.3108.

TA 121 Introduction to Costume Design......3 credits Student will learn basic sewing, costume rendering and execution of a design.

TA 153 Theatre Rehearsal and Performance......1-3 credits Consent of the instructor. Designed to provide practical application of classroom theory. Should be taken by participants in a theatrical production of this department scheduled for public performance.

TA 280 Co-op Ed: Performing Arts.......3-12 credits Co-op offers students on-the-job work experience in a theatre-related site. Students integrate theory and practice gained in the classroom with practical experience in the professional world. Students develop skills, explore career options and network with professionals and employers while earning credit toward a degree. Please contact performing arts cooperative education coordinator before attempting to register.

Tutoring

For information, contact Tutoring Services, Center Bldg./Rm. 210, 541.463.5783.

Video Production - See Media Arts

Vocabulary - See Writing

Water Conservation

For information, contact the Science Division, Bldg. 16/Rm. 253, 541.463.3997.

IDS 280S Co-op Ed: Sustainability Coordinator......3-12 credits This internship course offers a work experience that integrates theory and practice in the field of sustainability. It provides opportunities

to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

WATR 210 Water Conservation: Industrial / Commercial 4 credits Course focuses on retrofitting to increase wise water use. Emphasis of the class will be water use, waste, efficiency and auditing for Commercial, Industrial and Institutional (CII) sites. Topics include metering, sanitation, process water use, and heating and cooling systems. Concept of Industrial Ecology introduced.

WATR 220 Water Conservation:Program Development.......4 credits This capstone class explores the design, implementation, maintenance and evaluation of water efficiency plans and programs. Emphasis is on creating formal water conservation plans. Students learn how to make the business case for efficiency and how wise water use supports sustainability.

 industrial settings. Topics include: efficient use of water and energy, appropriate technology theories and practices, rules and regulations, systems analysis techniques and emerging technologies.

WATR 222 Stormwater Best Management Practices4 credits Students gain a working knowledge of best management practices for stormwater management with a focus on Low Impact Development strategies from constructed wetlands to swales to green roofs. Topics will include site analysis, flow management, and phyto-remediation. Labs include field trips, field work and guest lecturers.

WATR 280 Co-op Ed: Water Conservation Technician3-12 credits This internship course offers work experience that integrates classroom theory with practical experience in the field of water conservation. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

Watershed Science

For information, contact the Science Division, Bldg. 16/Rm. 253, 541.463.3997.

WST 206 Co-op Ed: Watershed Science Technician

WST 222 Threatened and Endangered Species Field

WST 280 Co-op Ed: Watershed Science Technician............ 1-12 credits This internship course offers work experience that integrates class-room work with practical experience in the field of watershed science. It provides opportunities to develop skills, explore career options and network with professionals and employers while earning academic credit toward the degree.

Web - See Business and Computers: Introduction/ Information Systems/Computer Science

Welding - See Fabrication and Welding

Women in Transition

For information, contact the Gender and Equity Center, Bldg.1/Rm. 202, 541.463.5353.

Women's Studies

For information, contact the Social Science Division, Center Bldg./Rm. 403, 541.463.5427.

SOC 108A Selected Topics in Women's Studies, Women's Bodies, Women's Selves3 credits

Throughout history, cultural views and practices regarding women's bodies have fundamentally affected women's experiences, position, and relative power in society. This class focuses on the embodied experiences of women, in what ways these experiences are socially constructed, and women's accommodation and resistance to those cultural constraints. Major areas of focus will include women's health, reproduction, sexuality, gendered violence, and body image, and will include cross-cultural information.

Writing

For information about classes with course numbers that begin with:

ENG and WR080-095 - Contact Academic Learning Skills, Bldg. 11/Rm. 245, 541.463.5439.

WR115-245 - Contact the Language, Literature and Communication Division, Center Bldg./Rm. 457, 541.463.5419.

WR 093 College Writing for ELL Students3 credits Prerequisite: A passing grade in WR089 or WR090, a passing grade (C- or better) in English as a Second Language (ESL) College Transition Writing & Grammar F and College Transition Reading F and College Transition Listening & Speaking F, or placement by the LCC Accuplacer or Accuplacer ESL, or recommendation of the instructor. Corequisite: EL113. This course develops English language learners' advanced competence in essay writing and prepares students for WR115. Students will demonstrate control and understanding of the writing process: generate and organize ideas, write drafts, revise, and edit paragraphs and multi-paragraph essays. Students will learn to recognize and correct grammatical errors in their writing. Students will also learn advanced grammatical concepts and produce essays that reflect that knowledge. Students will also use critical reading skills to analyze essays and improve their own writing. Students will submit papers using word processing software.

WR 115W Introduction to College Writing:

Workplace Emphasis......3 credits Prerequisite: Appropriate scores on Lane's Writing Placement Test or a passing grade (C- or better) in WR 093, WR 095, WR 97, or equivalent. WR 115W introduces students to the expectations of collegelevel reading, thinking, and writing. Students will be introduced to rhetorical concepts and engage in a collaborative writing process to produce projects for a variety of purposes and audiences, across more than one genre. Reading, writing, and critical thinking activities will focus on inquiry and the development of the metacognitive awareness of individuals as writers. Students will produce a variety of assignments across multiple genres such as job letters, essays, technical reports, for a total of 2000-2500 words of revised, final draft copy over the term; at least one of the compositions will incorporate source material and practice attribution conventions. Courses may include multimodal projects. This course fulfills writing requirements for some Lane programs. Note: This three-credit writing course will not count as a prerequisite for WR 121.

WR 121 Academic Composition......4 credits Prerequisite: Appropriate scores on Lane's Writing Placement Test or a passing grade (C- or better) in WR 115. This course focuses on rhetorical reading, thinking, and writing as means o finquiry. Students will gain fluency with key rhetorical concepts and utilize these in a flexible and collaborative writing process, reflecting on their writing process with the goal of developing metacognitive awareness. They will employ conventions, including formal citations, appropriate for agiven writing task, attending to the constraints of audience, purpose, genre, and discourse community. Students will compose in two or more genres. They will produce 3000-3500 words of revised, final draft copy or an appropriate multimodal analog for this amount of text. If the focus is primarily multimodal, students will produce at least one essay that integrates research and demonstrates an understanding of therole of an assertive thesis in an academic essay of at least 1000 words.

students introduces students to the conventions of academic writing. It emphasizes defining and developing a significant topic and using principles of clear thinking to support an assertive or argumentative thesis. Students will gain an understanding of their subject matter, audience, purpose, and point-of-view, and demonstrate that understanding through the organization and development of their essays. Students will learn how to analyze and evaluate other writers' work to sharpen their critical abilities as readers and writers. The course also introduces students to skills in source analysis, documentation, and beginning research methods. May be offered online. This course also meets Lane Degree requirements that are fullfilled by the same course number without the H.

WR 122 Argument, Research and Multimodal

Composition4 credits Prerequisite: A passing grade (C- or better) in WR 121, or a passing score on the English Department's Waiver exam. This course continues the focus of WR 121 in its review of rhetorical concepts and vocabulary, in the development of reading, thinking, and writing skills, along with metacognitive competencies understood through the lens of a rhetorical vocabulary. Specifically, students will identify, evaluate, and construct chains of reasoning, a process that includes an ability to distinguish assertion from evidence, recognize and evaluate assumptions, and select sources appropriate for a rhetorical task. Students will employ a flexible, collaborative, and appropriate composing process, working in multiple genres, and utilizing at least two modalities. They will produce 3500-4500 words of revised, final draft copy or an appropriate multimodal analog for this amount of text. If the focus is primarily multimodal, students will produce at least one essay of a minimum of 1500 words, demonstrating competence in both research and academic argumentation.

WR 122_H Argument, Research and Multimodal

score on the English department's waiver exam or waived based on instructor's evaluation of student writing. This course is designed to introduce the genre of Creative Nonfiction. Students will learn the conventions and techniques of creative non fiction through guided writing projects. Students will learn strategies for developing narrative, backstory, pacing, and characterization by reading the work of other students and published authors, whose work will serve as models. The reading assignments will include various modes of the genre, such as autobiography/memoir, personal essay, nature and/or science writing, and literary journalism. Students will produce, workshop, and present their own works of creative nonfiction in class.

WR 241 Introduction to Imaginative Writing: Fiction.............4 credits Prerequisite: A passing grade (C- or better) in WR 121, or a passing score on the English Department's waiver exam, or waived based on instructor's evaluation of student writing. Writing 241 is an introduction to the principles and practice of writing, editing, and publishing short fiction. Elements covered include character, conflict, plot, point of view, setting, theme, dialog, and tone. Stories by well-known authors are read and discussed as models. Students generally write two to three stories in addition to completing other exercises, peer responses, and a journal. Workshop discussions are used along with instructor feedback to guide revision and editing of student work.

Zoology - See Biology

Continuing Education

Many of the college's academic and student services are available to all students. Examples include Career and Employment Services, Counseling, Disability Resources, and the Multicultural Center. For complete information about these resources, see the Academic and Student Services section in this catalog.

Registration, Costs and Payment Methods To learn about registration, costs and payment methods for these training opportunities, consult the current class schedule or call the program of interest. For information about credit and refund policies, see the Tuition, Fees, Financial Aid, and Payment section in this catalog.

Continuing Education

Continuing Education offers hundreds of noncredit courses each term in career and technical (vocational) training, employment training, computers, consumer/money, art, music, foreign language, home/house/garden, health and health occupations, human development, recreation, outdoor programs, and general interest areas.

Continuing Education offers short-term training and upgrading for a wide range of professional fields. In some cases, students can earn continuing education units, industry certification, or meet state and/or national professional examination preparation requirements. A few of the current noncredit technical trainings available through Continuing Education are described in this catalog, Continuing Education Class Schedule and the quarterly web class schedule.

Enrollment in most courses is open to any interested person over 16 years of age. A list of course offerings and registration information is included in the Continuing Education Class Schedule, mailed each quarter to area residents. The Continuing Education Class Schedule also is available on the main campus, at the Downtown Campus, at the Cottage Grove center, and at *lanecc. edu* prior to the beginning of each term.

Tuition and fees for noncredit classes are published in the Continuing Education Class Schedule and on the web class schedule.

Instructors have expertise in the subjects they teach. People interested in teaching an Continuing Education course may contact a coordinator at the Continuing Education office at the Downtown Campus or call 541.463.6100.

Continuing Education's Accreditations, Certificates and Affiliations

- Alcohol Servers Permit, certified by the Oregon Liquor Control Commission
- Community Health Worker Certification, approved by Oregon Health Authority
- Flaggers Permit, credential through Oregon Department of Transportation
- Licensed Massage Therapists, approved by Oregon Board of Massage Therapists
- Nursing Assistant 1 authorized testing center, Headmaster approved
- Nursing Assistant I and II Certification, approved training by Oregon State Board of Nursing
- Pharmacy Technician Certification, Pharmacy Technician Certification Board
- Phlebotomy Certification, American Society of Clinical Pathology
- Real Estate Broker and Property Management License, approved by the Oregon Real Estate Agency

Continuing Education Career Training

Community Health Worker Certification Training The Community Health Worker will play an increasing important role in helping Oregon's healthcare system. The Community Health Worker is at the forefront in advocating for, engaging and couching patients to improve long-term health behaviors and increase rates at which patients follow treatment protocols.

The Community Health Worker certification training will be a supplemental certification for incumbent healthcare workers in established jobs that are similar to, though differentiated from, Community Health Workers, such as Homecare Worker, Certified Nursing Assistants, Licensed Practical Nurse, Medical Assistant, Paramedic or Physical Therapy Assistants.

Computer Training From mastery of individual software programs to specialist certifications, the college offers a broad range of computer learning opportunities. offerings include skill building in Windows operating systems, presentation, word-processing, and desktop design software, including AutoCAD, web programming, and database creation and application. Many computer trainings are available online.

Massage Therapy Pre-licensure This training is designed to prepare students to sit for the Oregon State Board of Massage Therapists Licensing Exams and has been approved by the Oregon Board of Massage Therapists. The training also provides hours toward continuing education for LMTs. Students must successfully complete required courses of anatomy and physiology, kinesiology and pathology, applied massage, communication and ethics, professional practices, labs and clinical. Contact hours and program content are subject to change. For current information, visit lanecc.edu/ce.

Nursing Assistant This training provides 150 hours of instruction in basic nursing procedures. It includes theory and clinical hours. Upon successful completion, students may sit for the Oregon State Board of Nursing (OSBN) certification exam. The program is OSBN approved. For more information, visit *lanecc.edu/ce*

Phlebotomy Upon completion of two courses, Phlebotomy I and Phlebotomy II, and one year of work experience, students are eligible to sit for the ASCP national Phlebotomy Technician Certification exam. This program is offered two times per year. The first session begins fall term, and the second session begins spring term. For more information, visit *lanecc.edu/ce*.



English as a Second Language Department

The English as a Second Language (ESL) Department provides instruction for adult non-native English speakers seeking to improve their oral and written communication skills for work, community involvement, academic, or personal goals. Courses are designed to help students with everyday communication, as well as with the transition to work or to other training and/or academic programs, including credit and noncredit programs in community colleges or universities.

This noncredit program enrolls resident and international students from all over the world. All classes are culturally diverse, and all instruction is conducted exclusively in English. There is no minimum skill level to enroll in ESL classes. This program provides instruction at various levels, with classes that focus on grammar, reading, writing, and oral communication skills. Daytime classes are offered at the Main Campus four or five days a week, while evening classes are offered at the Downtown Campus two days a week.

Admissions Students who reside permanently in the U.S. are admitted directly through the ESL Department office. The admissions process begins with an enrollment meeting in the ESL office, which students can schedule in person or by phone.

International students on a visa are admitted through the International Programs Office. For more information on the international student admissions and application process, please visit *lanecc.edu/international*.

Testing, Placement and Registration New resident students must take an English level placement test, available by appointment, on pre-scheduled dates in both the day and evening. Students can register immediately after testing.

New international students complete required placement testing either before arriving in the United States or during the International Programs student orientation. Upon completion of placement exams, students are registered for recommended levels.

For more information, contact the ESL Department office at 541.463.5253.

Locations

Main Campus 4000 East 30th Ave, Building 11, Room 201 Eugene, OR 97405

Downtown Campus 101 West 10th Ave., Room 203 Eugene, OR 97401

Programs

Intensive English Program (Main Campus) The Intensive English Program (IEP) is a full-time English study program offered during the day Monday-Friday. It is divided into six proficiency levels and is designed to serve all non-native English speakers from absolute beginners with basic literacy, vocabulary, and pronunciation needs to advanced learners preparing to enter higher-level academic programs. The levels (A-F) are further subdivided by skill type (reading, listening, speaking, and writing/grammar), and each level is designed to prepare students for success in the subsequent level after one term of study. Students who successfully complete (C- or better) all skill classes in Level

F are automatically eligible for entry into the LCC credit program. Each level in the IEP is represented by 2-3 courses that constitute 20 hours of class time per week.

Level	Class Title	Class focus	Hours per week
А	Basic Com- bined Skills	Students learn to practice new vocabulary in writing and speaking, increase listening and reading skills and strategies, and recognize and pronounce the most common English words.	10
	Reading and Writing	Students learn to write basic sentences with grammatical accuracy, fill out forms, practice new vocabulary in writing, and increase reading skills and strategies.	10
	Writing and Grammar	Students learn to write a well-organized infor- mational paragraph with basic sentences and practice new vocabulary in writing.	10
В	Reading and Oral Skills	Students learn to recognize and pronounce common academic English words and develop vocabulary. Students also read informational texts for fluency and comprehension.	10
6	Writing and Grammar	Students learn to write well-developed, evidence-based narrative and informative paragraphs, improve spelling and grammatical accuracy, and practice new vocabulary in writing.	10
С	Reading and Oral Skills	Students learn to comprehend and use academic vocabulary in spoken English and improve pronunciation. Students also read moderately complex informational texts for fluency and comprehension.	10
	Writing and Grammar	Students learn to write paragraphs and short essays on basic processes and problem solution in community and academic contexts using new vocabulary.	10
D	Reading and Oral Skills	Students learn to develop and pronounce more advanced phrasal and academic vocabulary. Students also read moderately complex academic and informational texts for fluency and comprehension.	10
	Writing and Grammar	Students learn to write evidence-based cause- effect and comparison-contrast, essays and practice new vocabulary in writing.	10
Е	Reading	Students learn strategies for reading and understanding academic texts more effectively, develop academic vocabulary, and increase reading speed.	5
	Listening and Speak- ing	Students develop accuracy and organization in spoken English and increase listening skills in a variety of academic contexts.	5
F	Writing and Grammar	Students learn to recognize errors in writing; write with the composition skills, appropriate rhetoric, fluency, and vocabulary necessary to communicate authentic academic writing tasks; use various research tools; and cite research in an academic context.	10
	Reading	Students learn to effectively read and under- stand complex academic texts, develop vocabu- lary, and increase reading fluency.	5
	Listening and Speak- ing	Students develop an advanced level of accuracy and organization in spoken English and increase comprehensive listening skills in a variety of academic contexts.	5

Community English Program (Downtown Campus) The Community English Program (CEP) is a part-time English study program offered on Monday and Wednesday evenings. It is divided into six combined-skills proficiency levels and two literacy skills classes and is designed to serve non-native English speakers seeking more community involvement through English skills and ranging from absolute beginners to community members preparing to enter Adult Basic Skills courses, the Intensive English Program, or vocational training. The main levels (0-5) integrate all language skills (reading, listening, speaking, writing/grammar), and each level is designed to prepare students for success in the subsequent level after three terms of study. The literacy classes focus only on developing reading and writing skills and are not part of the sequential combined skills portion of the program. Each level in the CEP consists of one course per term that constitutes 5 hours of class time every week.

Level	Class Focus	Hours per week
0	Students learn to communicate in situations related to immediate needs, simple oral communication, read and write letters and numbers, and recognize a limited number of basic words and phrases related to immediate needs.	5
1	Students learn to communicate in situations related to immediate needs, use basic phrases and sentences, and improve basic vocabulary about personal information.	5
2	Students learn to speak and write basic sentences in present tense and begin to communicate about the past, and develop basic vocabulary about community life.	5
3	Students develop basic conversational skills, learn to read and write vocabulary related to personal interests and some high-frequency academic words, and begin to implement paragraph structure in writing.	5
4	Students learn to speak and write extended explanations with compound and complex sentences; develop more advanced vocabulary; revise and edit writing; develop phrasal vocabulary; and recognize and use present, past, and future tenses; and develop civics knowledge.	5
5	Students learn to write narrative and informational para- graph styles using a variety of verb tenses, understand and use everyday and academic vocabulary, and develop civics knowledge.	5
Funda- mentals of Literacy	Students learn to develop reading and writing skills to match their higher-level oral skills in order to prepare to enter combined skills levels 1-3.	5
Elements of Literacy	Students learn to develop reading and writing skills to match their higher-level oral skills in order to prepare to enter combined skills levels 2-4.	5

Adult Basic and Secondary Education

Lack of basic skills is often a barrier to getting or keeping a job. The ability to read, write and compute at the 9th grade level is now the minimum required for entry-level employment. Higher paying jobs and employment in the 21st century will require higher level basic skills plus new skills such as computer literacy, problem solving, teamwork, and learning to learn.

Admission Requirements All students must be 18 years of age or older, have a referral from the local public school district if 16 or 17 years of age, or have homeschool release and verification of current homeschool registration from ESD. (This applies to inschool and out-of-school youth. The decision to release a student is made by local school district officials in accordance with Oregon Revised Statutes and local school district policy).

Admission Procedures Class locations, orientation and registration information are available on the department website at *lanecc.edu/abse*. For more information, call 541.463.5214.

Many of the college's academic and student services are available to all students. Examples include Career and Employment Services, Counseling, Center for Accessible Resources, and the Multicultural Center. For complete information about these resources, see the Academic and Student Services section in this catalog.

Registration, Costs and Payment Methods To learn about registration, costs and payment methods for Adult Basic and Secondary Education, consult the department website at *lanecc. edu/abse* or call 541.463.5214.

Adult Skill Development

Adult Skill Development offers a variety of pre-college level alternatives for adults who need to brush up on basic reading, writing, or math skills for work, college entrance or passing the GED exam.

Class times are offered during the day and evening in many locations in Lane County. All new students must attend an orientation session.

General Education Development (GED)

Lane Community College offers classes to prepare teens and adults to take the GED exam. Preparation is offered in all four test areas: social studies, science, language arts, and math. The structure of classes differs from location to location and offers a combination of small group instruction, individual attention and practice testing.

The official GED tests can be taken in Testing Services on main campus.

Core College Classes

Lane's Adult Basic and Secondary Education (ABSE) department provides tuition-free core college classes that will help you:

- Prepare for or improve score on Lane Community College placement tests.
- · Develop reading comprehension skills and strategies
- Renew or increase math skills
- · Develop writing and grammar skills

Community Services

CENTER for Meeting and Learning

Now offering two event venue locations to serve campus, community and regional events of all types! CENTER at Main Campus offers 10+ breakout rooms and a versatile banquet/ballroom dividable into three separate rooms or used as one large event space for seating up to 600. CENTER at Downtown Campus offers a newly built LEED Platinum Certified event space with a banquet/ballroom dividable into three separate rooms or used as one large space for seating up to 200. Both locations have extensive Audio Visual equipment options and complimentary wifi throughout. The CENTER offers full service catering at either location with a focus on sustainable practices, menu customization, dietary accommodations, and use of local, seasonal ingredients harvested seasonally from our on-site Learning Garden. Culinary Arts and Hospitality Management students have the opportunity to work side by side with the CENTER's professional staff in a learning lab environment. For information about catered events, see Lane Catering.

Call 541.463.3500 or visit *lanecc.edu/center* to schedule your events.

Community Center for Family Counseling

Counseling and Continuing Education at Lane sponsor the Community Center for Family Counseling, informally known as Saturday Circus. Email Laura Jones at ionesl@lanecc.edu.

Noncredit learners (at no charge) can attend parent education/ child guidance sessions at the Saturday Circus, 9 a.m. - noon, Saturdays (Thursdays or Fridays in the summer) at Lane's Downtown Campus. Participants can view family counseling sessions that illustrate principles and skills for improving relationships with children and participate in exercises and discussion. An advanced noncredit class (CG 212) at no charge helps participants refine implementation of principles and skills. Childcare for children age three (and out of diapers) through elementary school age is available upon arrangement.

A credit class is also available. Each term the Improving Parent-Child Relationships telecourse (CG 213) combines real-life, inhome interactions between parents and children with segments of interviews in which a counselor discusses with parents the application for principles and skills for improving relationships. Telesessions are cablecast as well as available at the main campus Library and outreach centers.

English As A Second Language See page 260.

KLCC-FM Radio klcc.org

KLCC 89.7 FM, NPR for Oregonians, is a listener-supported public radio station licensed to Lane Community College serving over 88,000 people in the Eugene/Springfield area and western and central Oregon each week. KLCC provides NPR news, local and regional news, plus talk and entertainment. Weekends offer a wide world of intelligent music including jazz, folk, blues, world beat and Americana.

Broadcasting 24 hours a day with 81,000 watts of power, KLCC is operated by a professional staff and volunteers from the community. It is funded by the Corporation for Public Broadcasting, Lane Community College, the business community, and the listening audience. KLCC is a charter member of NPR and consistently ranks among the top five public stations in the country for market impact.

Family Connections

Family Connections is a community-based child care resource. For more information, see the Academic and Student Services section in this catalog.

Lane Catering

Experience "culinary excellence" when booking your catered events with Lane Catering. Lane Catering offers full catering services delivered anywhere in Eugene/Springfield and surrounding areas with a focus on sustainable practices, menu customization, and use of local, seasonal ingredients harvested seasonally from our on-site Learning Garden. Culinary Arts and Hospitality Management students have the opportunity to work side by side with Lane Catering's professional staff in a learning lab environment. We welcome and specialize in accommodating all dietary requirements. Call 541.463.3500 or visit lanecc.edu/catering to schedule your catering.

Library

The Library provides resources for students, faculty, staff, and community residents. For more information, see the Academic and Student Services section in this catalog.

Music, Dance and Theatre Arts

The department presents concerts and performances available to the community. For information, see the Academic and Student Services section in this catalog.

Specialized Support Services

Specialized Support Services (S3) provides vocational training and employment supports to adult students who experience intellectual and developmental disabilities and have intensive support needs. S3 offers individual and small group instruction and experiential learning opportunities that address social skill development, on-the-job training, and employability skill enhancement in integrated settings with competitive employment as a goal. Supported employment and retention services also are available.

Work experience opportunities are provided through inter-department agreements throughout the college that include recycling, waste management, custodial and housekeeping, confidential shredding and food services.

Contact 541.463.5101 or visit lanecc.edu/sss for more information.

The Senior Companion Program

The Senior Companion Program is sponsored nationally by the federal Corporation for National & Community Service and locally by Lane Community College. Senior Companions help frail seniors and adults living with disabilities overcome loneliness and retain their independence through 1:1 friendly visits, and assistance with simple chores and transportation. Working in collaboration with 20+ agencies throughout rural and urban Lane County, Companions provide visits and transportation to hundreds of clients annually. Companions must be age 55+, have a limited income, and serve clients 15-40 hours/week. They receive a tax-free hourly stipend of \$2.65, some reimbursement for meals and mileage, and comprehensive ongoing training. Those interested in becoming Companions are invited to apply, pass a criminal background check, and participate in a week-long preservice training. For more information, call 541.463.6260 or visit lanecc.edu/scp. (The Senior Companion Program does not link Companions with clients directly. Please contact Senior & Disabled Services at 541.682.3353 if you would like to receive the services of a Senior Companion.)

Business and Workforce Development

Small Business Development Center

The Lane Small Business Development Center (Lane SBDC) offers a multitude of support services for small businesses, from start-up to established, from small to medium, with 1-500 employees and up to 25 million in sales. As the premier provider of real world business education, advising and mentoring for small businesses in Lane County, we are helping to increase employment and revenue growth in our communities.

Our services include: Small Business Management programs, entrepreneurial workshops and confidential, no-cost business advising. We also provide resources for every stage of business growth—from hire to acquire and everything in between.

The Center, founded in 1982, is a member of the Oregon Small Business Development Center Network and is actively involved in economic development in Lane County. The Lane SBDC is also a member of the Association of Small Business Development Centers.

The Lane SBDC is located at the LCC Downtown Campus at 101 West 10th Avenue, Ste. 304, Eugene. Business hours are from 9 am to 5 pm, Monday-Friday • Phone number is 541.463.6200 • Website is LaneSBDC.com • Facebook is facebook.com/LaneS-BDC • Linked In is Lane Small Business Development Center.

Whether your business has been in existence for a hundred years, or is just starting out, the Lane SBDC has the specialized tools and the right expertise to help you find success.

SBDC Management Programs

It's Our Business to Help Grow Lane County's Small Businesses.

Small Business Management (SBM) Programs

The Small Business Management Programs are the cornerstone of the multiple support services offered by the Lane SBDC to both new and existing businesses. These programs help to build businesses by introducing and then reinforcing key concepts over a period of time. Clients learn with a cohort of peers, customized classes and one-on-one coaching, while getting the support, tools and resources necessary for immediate results.

SBM Year One • Foundations

The SBM Year-one cohort meets for 15 classes over nine months during the year. Personalized one-on-one coaching throughout the year is also included. SBM Foundations consists of the following three modules:

- Marketing: This module delivers results. Learn to jump start your business through marketing. Create solid marketing ideas and a plan of action that will improve sales and grow your business.
- Financial: Lead your company to a successful financial future. Build knowledge and gain necessary skills to examine and understand business financials.
- Operations: Focus on core operations to create a successful enterprise. Develop a short-term plan to manage employee workflow and also learn to create future growth models for long-term planning. Explore the legalities of operating a business.

SBM Year Two • Systems

Focus on growing your business through understanding, creating and implementing systems within your business. With solid systems and processes in place, owners can choose to work or choose not to. The year two cohort meets for a series of 10 classes over a 10-month period. Class topics include: Strategic Planning • Plan/Do/Check/Act • Introduction to "The E-Myth" •

Project Management 101 • Performance Evaluations and Development • Financial Statement Strategies and Ratios • CRM Systems and Solutions • Systems Thinking and Process Improvement • Leadership and Ethics • Advertising and Public Relations • Class Customized Topics.

SBM Year Three • Employee Management

Year three is designed for business owners who have completed years one and two of the SBM program. Business owners work on mastering earlier concepts, while using new materials to fine-tune operations. Upon completion of year three, qualified business owners will receive a certificate of recognition. The year-three cohort meets for a series of 10 classes over a 10-month period. Class topics include: Personality Profiles and Management - DISC Assessment • Facilitation and Brainstorming • Effective One-On-Ones • Effective Feedback and Coaching • Employee Reviews and Development • Interviewing and Employee Retention • Employment Law • Job Descriptions and Delegation • Leadership/Ethics • Class Customized Topics.

Small Business Management (SBM) • Alumni

This ongoing education and support program embraces the whole lifelong learning notion that is the foundation of the Small Business Management (SBM) program. Open to graduates of the three-year SBM program, Alumni members can drop into any current SBM cohort, get additional one-on-one business coaching, plus attend the Alumni-only "Lunch and Learn" meetings. This is the best way for SBM graduates to keep their skills fresh, their contacts growing and their businesses on the right path.

Employee Management

Also offered as a stand-alone program, Employee Management is designed for business owners, employees or managers in larger organizations who want to improve their skills interacting with employees and for those who want to work on mastering employee management concepts. This program is also part of the SBM year-three cohort and meets for a series of 10 classes over a 10-month period. Class topics include: Personality Profiles and Management–DISC Assessment • Facilitation and Brainstorming • Effective One-On-Ones • Effective Feedback and Coaching • Employee Reviews and Development • Interviewing and Employee Retention • Employment Law • Job Descriptions and Delegation • Leadership/Ethics • Class Customized Topics

Food and Beverage Module-Small Business Management (FSBM)

This module is a branch of the Small Business Management Program and has everything you need to know about operating a food and beverage small business. It covers business planning, food cost control and menu management.

If you have ever wondered whether your food and beverage business could run more efficiently, then this module was designed for you. Here you will identify priorities, focus on your strengths and implement solutions, all while learning what factors will have the greatest impact on your ability to prosper.

Services and Training for Businesses at Every Stage

Ready, Set, Start Your Business

SBDC offers New Client Orientation, which provides an overview of SBDC services in order to help clients decide which services, tools and resources are the best fit for immediate and long-term

business goals. A one-hour session qualifies clients for no-cost business advising and identifies which SBDC business advisors will best serve them. Workshop elements are: Basic Resources • Events, Classes and Workshops • No-cost Advice • Small Business Management Programs • Local Resources and Agencies in Partnership with the Lane SBDC

Workshops and Classes for Businesses

Investing in ongoing entrepreneurial training is vital to long-term business success. Consider your refined business skills as your most valuable asset. Stay current on industry trends and regulations while learning how to respond to changes in your market. Each term provides a variety of in-depth classes and workshops conducted at varying times throughout the day and evening. Visit LaneSBDC.com for details and to register. Class topics are: Business Planning and Development • Communications and Leadership • Contractors Certification • Market Research, Marketing and Social Media • QuickBooks Concepts for Business • Record-keeping and Payroll Processing.

Scale Oregon

The Oregon Small Business Development Center Network (OSB-DCN) has assembled teams of highly experienced business advisors to assess your current business and provide the tools to create sustained growth. Eligible companies can receive the following services to help accelerate their growth: Strategic Needs Assessment • Advanced Market Research and Analysis • Digital Media Assistance • CEO Networking and Mentoring. Additional services include: Financial Analysis • Debt and Equity Financing Assistance • Export Assistance • Government Contracting Assistance. SCALE Oregon targets companies that have achieved success, need strategic resources to reach the next level and meet the following criteria: Oregon Traded-sector Company • \$1,000,000 to \$50,000,000 Annual Gross Sales • 10-99 Employees • Demonstrated Growth in Gross Sales, Net Profit or Net Employment in Three of the Last Five Years.

No-Cost Business Advising

We offer access to confidential, no-cost professional business advising for Lane County residents who want to start or grow their business. Our business advisors have the knowledge and tools to help start up, emerging and growing businesses. Business Advising is provided by appointment only.

Our advising expertise focuses on areas that are vital to accelerating the growth of businesses such as:

Strategic Market Research • Business and Strategic Plan Development • Market and Revenue Growth Strategy Development and Implementation • Capital Access and Loan Packaging • Financial Analysis and Assessment • Accounting Systems and Financial Literacy • Feasibility Analysis and Start-up Assistance • Marketing and Branding • Technology Improvement • Digital Marketing and Social Media • Website Development and Search Engine Optimization

Resources and Tools

As our client, you will gain access to powerful research tools and insights that are often reserved for much larger companies due to their prohibitive cost. You can utilize numerous valuable resources and tools to assist new and existing business in reaching their goals, such as: Online Resources • SBA Supplied Information and Resources Oregon State Information on Doing Business In Oregon • Construction Contractors Board Self Study Guide • Local Resources and Agencies in Partnership with SBDC.

The Lane SBDC Team

We are a team of highly experienced professionals and business advisors who have developed expertise in Government Contracting and Procurement • International Business Development and Trade • Online Marketing, Social Media • Web Development • Finance and Access to Capital • Business Operations • Marketing, Branding and Communications and much more!

Find out more about our advisors and instructors on *lanesbdc.* com/about-us/.

Contact Us for Assistance at:
LaneSBDC.com
541-463-6200
310 West 10th Ave., Ste. 304, Eugene



Customized Training Department (CT)

Lane Customized Training (CT) Department is a training resource for Lane County employers of all sizes and industries. We provide innovative and cost-effective training options and consultation for local employers. Our large pool of expert instructors provides engaging and relevant content that can be immediately applied.

Investing in your employees and management team can:

- · Ensure company growth
- Retain outstanding employees
- Increase efficiency
- Improve teamwork
- Optimize performance
- · Increase revenue
- Improve operations

Training Provider for Lane County Employees With over 30 years of experience developing Lane County business, Lane Community College has an excellent reputation in the community and provides the best value you can find in a training provider.

A full range of cost-effective training options are available to you:

- Contract training customized to your organization
- · Conflict resolution coaching and consulting
- · Combined employer training (industry specific)
- · One-on-one coaching
- · Curriculum development and instructional design
- · Business efficiency consultation
- Professional development classes offered at the downtown campus
- Organizational development consultation

Contract Training When you outsource your training with us, we provide:

- Free initial consultation to assess the specific needs of your company
- A pool of highly qualified instructors with a proven track record
- Administrative support—we order the books, print the manuals, handle billing
- Evaluation tools to ensure objectives and performance outcomes are met

- Engaging and relevant curriculum customized to your industry goals
- · Coordination of all the
- logistics for your event
- Documentation (noncredit college transcript) provided for each employee

Location Options Your Training can be held at your site or ours. Choose our convenient state-of-the-art downtown campus or the 30th Avenue main campus, right off I-5.

The Customized Training department is located at LCC's Downtown Campus, 101 West 10th Avenue, Ste. 304, Eugene. Housed with the Lane SBDC. Contact Customized Training at 541.463.6200 or visit *lanecc.edu/ctpd*.

Human Resources Knowledge of the basics of human resources (HR) practices can improve on-the-job effectiveness, protect your business from needless and costly litigation, keep your organization more competitive in today's economy, and advance your career. The SHRM-CP® or SHRM-SCP® credentials make you a recognized expert in the HR field. This material is designed for entry-level HR professionals, small business owners, managers responsible for the HR functions in their companies, as well as anyone looking for a possible career change. Human resource management training in the Lane County area is provided through a partnership with the Society of Human Resource Management, the Lane SBDC and the LCC Customized Training Department (CT).



Liberty Espresso owner Caroline Bruno-Hibler credits the Lane Small Business Development Center with helping to prepare to purchase the drive-through coffee kiosk at 1380 W. 7th Ave. in SW Eugene last spring. She said Lane SBDC advisor Larry Reed was very helpful when she was creating estimates and financial projections for buying the business. "Larry helped me crunch numbers, read financial books and made sure I fully understood the business I was purchasing." Caroline sees herself as more hands on than the previous owner, which has improved her sales, because she is often at the business greeting customers.

- SHRM-CP® and SHRM-SCP® Test Preparation
 The SHRM Learning System delivers the most effective SHRM-CP® and SHRM-SCP® certification preparation.
 Learning modules and study tools teach you everything you need to prepare for your SHRM-CP®/SHRM-SCP® certification exam.
- SHRM Essentials® of HR Management
 Developed by leading HR experts and legal counsel, the
 SHRM Essentials covers a wide range of introductory HR
 topics in a condensed, straightforward format. Up-to-date,
 easy-to-understand content ensures that you master HR
 concepts and can apply them to everyday situations and
 issues.

Successful Supervision Good bosses aren't born. They're people who have learned how to communicate effectively, manage projects and resolve conflicts. These and other key skills for supervisors will be covered in seven lively and interactive sessions. You will leave every session with tangible, practical skills that you can immediately apply at work. New supervisors will gain important foundational skills and experienced supervisors will learn how to go from good to great. Course topics are grouped into three categories self-management, staff management, and project management.

You will have the opportunity to meet with the instructor for three hours of one-on-one coaching. Offered in partnership with the Lane SBDC and the LCC Customized Training.

Workforce Development

The Workforce Development Department focuses on career development, job readiness, skill enhancement, short-term training, job search instruction, employment, and special grantfunded projects.

WorkSource Lane The Workforce Development Department is an affiliate site of WorkSource Lane, a collaborative partnership with the Department of Human Services, Lane Community College, Lane Workforce Partnership, and the Oregon Employment Department. As an affiliate site, we provide the opportunity for individuals to register in the WorkSource system and learn how to utilize its online resources.

Career Center Located in Building 19, Room 266, the Career Center is open to anyone interested in planning a career pathway, researching training options, or seeking employment. The Career Center offers career advising, job search assistance, and free workshops.

National Career Readiness Certificate (NCRC) The NCRC is a nationally recognized certification that measures basic skills needed for the workplace and is used by employers nationwide as a recruitment hiring tool. Earning the NCRC helps you demonstrate that you have the skills employers are looking for. Testing and access to study materials are available at no charge through the Workforce Development Department. Visit the Career Center in Building 19, Room 266 or call 541.463.5223 for more information.

Governance and Staff

Lane Community College Board of Education

Seven elected, nonpaid citizens comprise the Board of Education. Elections are held in May of odd-numbered years and openings are staggered. Vacancies due to unexpired terms are filled by board appointment. Board members are elected to four-year terms.

The Board of Education has primary authority for establishing policies governing the operation of the college and for adopting the college's annual budget. The board's charge is to oversee the development of programs and services that board members believe will best serve the needs of the people of the Lane Community College district.

The board holds public meetings the second Wednesday evening of each month, normally in the Boardroom, Building 3, main campus. Additional meetings are held as needed.



Melanie Muenzer, associate vice president, Eugene, appointed April 2017, term expires Jun 30, 2017

Zone 1-Western part of college district



Susie Johnston, retired, Eugene, elected May 2005, re-elected May 2009, re-elected May 2015, term expires June 30, 2019 **Zone 2** - Northern part of college district



Mike Eyster, retired higher education administrator, elected May 2017, term expires June 30, 2021

Zone 3–Marcola and Springfield part of college district



Matt Keating, Political Consultant, Eugene, elected May 2013, re-elected May 2017 term expires June 30, 2021

Zone 4-Eastern part of college district



Philip Carrasco, community organizer, Eugene, elected May 2015, term expires June 30, 2019

Zone 5 - Eastern part of college district



Rosie Pryor, retired marketing and strategy officer, elected May 2011, re-elected May 2015, term expires June 30, 2019

At-Large—Position 6



Tony McCown, education consultant, Eugene, elected May 2007, re-elected May 2011, re-elected May 2015, term exipres June 30, 2019

At-Large-Position 7

Note: The results of the May 2017 election were not available at the time of publication.

Administration

The college is administered by the president, under authority delegated by the Lane Community College Board of Education, with assistance from vice presidents, executive deans, division deans, and directors.

- Margaret Hamilton, President; Ph.D. Widener Univ.; M.S. Univ. of Delaware; B.S. State Univ. of New York
- Dawn DeWolf, Interim Vice President, Academic and Student Affairs; M.ED. Oregon State Univ.; B.S. Eastern Montana College
- Kerry Levett, Executive Dean, Student Affairs. Ph.D. Arizona State Univ.; M.A. Univ. of Colorado; B.A. Westminster College
- Jennifer Frei, Executive Dean, Academic Affairs School of Arts and Sciences; Ph.D. Univ. of California Davis; M.A. California State Univ. Sacramento; B.A. Univ. of California Davis
- Brian Kelly, Vice President of College Services. M.B.A. Marylhurst Univ.; B.A. Southern Illinois Univ.
- Dennis Carr, Chief Human Resource Officer; M.S.I.R. Univ. of Oregon; B.S. Hiram College
- Bill Schuetz, Chief Information Officer; Ph.D. Claremont Graduate Univ.; M.S. Claremont Graduate School; B.S. Univ. of Washington

Emeriti

The late **Dr. Eldon G. Schafer** was named president emeritus by the Board of Education in 1985. Dr. Schafer served as Lane president from 1970-85.

Dr. Dale Parnell was named president emeritus by the Board of Education in 2004. Dr. Parnell was Lane's founding president and served from 1965-68. He became a national leader in the community college movement.

Oregon State Board of Education

As one of Oregon's 17 publicly supported community college districts, Lane operates under the general direction of the Oregon State Board of Education:

- · Jerome Colonna, Bend
- · George Russell, Eugene
- · Kimberly Howard, Portland
- · Miranda Summer, Portland
- · Charles Martinez Jr. Eugene
- · Anthony Veliz, Woodburn

State Department of Education administration includes:

- Patrick Crane, Director, Department of Community Colleges and Workforce Development
- · Salam Noor, Deputy Superintendent of Public Instruction

Lane Community College Budget Committee

The Budget Committee analyzes the administration's annual budget proposal. The 2015-2016 Budget Committee includes the Board of Education and the following members:

- Jeffrey Farm, term expires 2017, retired Parks and Recreation Manager, Florence
- Hillary Kittleson, term expires 2019, retired finance director, Eugene
- Kevin Matthews, term expires 2018, CEO Artifice, Dexter
- Timothy Morris, term expires 2018, receptionist, Eugene
- Jason Ormsby, term expires 2017, science educator, Eugene
- · Rudy Venturi, term expires 2018, Security Architect, Eugene

Advisory Committees

More than 700 volunteers are appointed by the Lane Community College Board of Education to 45 advisory committees. These committees offer advice and assistance to instructional programs, enabling the college to tie its programs closely to current work practices and employment opportunities.

All of the college's career technical programs, as well as many noncredit programs, have advisory committees. The college also has advisory committees for programs and services such as English as a Second Language and Small Business Development.

The Career Technical Education Coordinating Committee (CTECC) provides oversight for all advisory committees.

Members of the advisory committees may change during the year. Current lists are managed by the Cooperative Education Division.

Lane Community College Foundation

The Lane Community College Foundation raises and invests funds for scholarships, programs and capital needs.

Program and Capital Support The state provides only a portion of the funding necessary to support instructional programs. Gifts from individuals and businesses strengthen Lane's ability to provide education and career training to nearly 35,000 students each year.

Scholarships Scholarships open the door to higher education for many people who otherwise could not afford college. Gifts for scholarships are an investment in the future.

Tax-deductible gifts to support Lane's programs and students should be made payable to: Lane Community College Foundation, 4000 E. 30th Avenue, Eugene, OR 97405. Call 541.463.5135 for more information on how you can help. If you are interested in applying for a scholarship, visit *lanecc.edu/foundation*.

Staff

For fall term 2016, Lane employed 913 contracted faculty and staff and part-time credit faculty. A list of contracted and part-time instructional staff follows.



Full-Time Instructional Staff

Academic Learning Skills

Matthews, Grant J. Dean; M.P.A. Portland State Univ.

Coleman, Liz E. B.A. Univ. of Oregon; M.Ed. Oregon State Univ.

Gayle-Reddoor, Susan C. B.A. Univ. Calif Riverside; M.A. Univ. Calif Riverside

McQuiddy, Stephen J. B.A. Univ. of Oregon; M.F.A. Univ. of Oregon

Mitchell, Adrienne C. B.A. Univ. of Oregon; M.A. Univ. of Oregon; M.Ed. Univ. of Oregon

Pray, Elaine V. A.A. Canada Col.; B.A. San Francisco State Univ.; M.A. San Diego State Univ.

Adult Basic and Secondary Education

Matthews, Grant J. Dean; M.P.A. Portland State Univ.

Gaudia, Amy B.S. Buffalo State Clg (Suny); B.S. Univ. of Oregon; M.A. Pacific Univ.

Hemsoth, Gail L. B.A. Heidelberg Col.; M.S. Univ. of Oregon

Jackson, Patricia J. B.A. Washington State Univ.; M.Ed. Oregon State Univ.

Kent, Leonora T. B.A. San Francisco State Univ.; M.Ed. Univ. of Oregon; Elem Education Teaching Cert; Teaching Engl Speakr Othr Lang

Lamoreaux, Alice A. B.A. Univ. of Oregon; M.S. Univ. of Oregon

Niles, Aliscia M. B.A. Sch For International Trng; M.A. Univ. of Oregon; Teachng Engl Speakr Othr Lang

Pfaff, Julie A. B.S. Marquette Univ.; M.Ed. Univ. of Oregon

Schaefer, Karen L. B.A. Seattle Pacific Univ.; Ed.M. Oregon State Univ.

Young, James K. B.A. Rice Univ.

Advanced Technology Division

O'Connor, Patrick Dean; B.A. Univ. of California, Irvine; M.A. Univ. of Idaho; Ph.D. Univ. of Oregon

Bridges, Jon H. B.A. St Marys Col. Ca; M.Ed. Northwest Christian Univ.; USAF Flight Engineer C5/C130; FAA Private Pilot Single Land

Keen, Leonard R. Journeyman; OR Carpenter Apprenticeship

Laskey, Allen L. A.S. Lane Community Col.; AWS Cert Welding Educator; AWS Cert Welding Instructor; AWS Certified Welder; Cert Prod and Inventory Mgmt; ASME Certified Welder

Mathers, Kelly D. ASE Cert Master Auto Tech; ASE Cert Master

O'Herron II, Phillip J. B.A. Lindenwood Univ.; B.S. Lindenwood Univ.

Riordon, Egan A. A.A. Lane Community Col.; ASE Cert Master

Robertson, Margaret E. B.L.A. Univ. of Oregon; M.L.A. Univ. of Oregon

Tidball, Jacob J.

Webb, Steven A. C.E.R.T.1. Lane Community Col.; A.A.S. Lane Community Col.; CAT/Cummins/Detroit Eaton Svc; ASE Cert Master Med/Hvy Duty T

Arts Division

Lubben Richard Dean; B.A. California State Univ., Sacramento; M.F.A. Instituto Allende, San Miguel de Allende in Mexico

Bird, JS S. B.S. Col. St Rose; M.F.A. Univ. Mass Amherst; M.A. Suny Col.I Oswego

Grosowsky, Adam B.A. Evergreen State Col.; M.F.A. Univ. Iowa; M.A. Univ. Iowa

Hughes, Teresa B. B.S. Univ. of Oregon

Imonen, Lee C. B.A. Willamette Univ.; B.A. Willamette Univ.; M.F.A. Univ. of Oregon

Keene, Meredith A. A.A. Orange Coast Col.; A.A.S. Lane Community Col.

Lowdermilk, Susan K. B.F.A. Colorado State Univ. Ft Collins; M.F.A. Univ. of Oregon

Salzman, Andreas C. B.S. Univ. Wisc Stevens Point; M.F.A. Univ. Minnesota Minneapolis

Aviation Academy

Boulton, Stephen A. Dean; M.Div. Emmanuel School of Religion

Gallagher, Neal J. B.A. Albertus Magnus Col.

Gustafson, Bruce L. B.A. Univ. of Oregon; FAA Flight Instructor, CFII; FAA Transp Pilot Mulit Land; FAA Instructor Single Engine; FAA Ground Instructor Advanced; FAA Ground Instructor Instrum; FAA MEI (Multiengine Instruct); FAA Transp Pilot Single Land

Kaetterhenry, Jeremy P. B.S. Coll Ozarks; FAA Airframe and Powerplant; FAA Ground Instructor Instrum; FAA Ground Instructor Advanced

Lancaster, Paul L. B.A. Wheaton Col. II; M.A. George Fox Univ.

Business

Christopher Rehn Dean; B.A. Frankline and Marshall College; M.B.A. Eastern College; Juris Doctor Cornell Univ. Law School

Boozer, Judy A. B.A. Idaho State Univ.; M.S.T. Portland State Univ.

Culver, Christopher D. B.S. Univ. of Oregon; M.B.A. Univ. of Oregon; Certified Public Accountant

Gillett, Jill A. B.A. Univ. of Oregon; M.A. Oregon State Univ.

Johnson, LuAnne M.

Computer Information Technology

Christopher Rehn Dean; B.A. Frankline and Marshall College; M.B.A. Eastern College; Juris Doctor Cornell Univ. Law School Bailey, Jim L. B.S. Oregon State Univ.; M.S. Brigham Young Univ. Utah; Ph.D. Oregon Health Sci Univ.

Bird, Brian A. B.S. Portland State Univ.; M.A. Univ. of Oregon

Colton, Joseph W. B.S. Brigham Young Univ. Hawaii; M.S. Univ. of Oregon

Good, Marilou B.S. Univ. Minnesota Minneapolis; M.S. Univ. of Oregon

Little, Ronald K. B.S. Montana State Univ. Bozeman; M.S. Portland State Univ.

Wilkins, Paul C. M.S. Oregon State Univ.

Cooperative Education

King, Al Dean; B.S. Indiana Univ. Bloomington; M.S. Indiana Univ. Bloomington

Fike, Charles E. B.A. Northwest Christian Univ

Kelsch, Jamie L. A.A.S. Lane Community Col.; A.G.S. Lane Community Col.; B.S. Linfield Col.

Landy, Beth S. B.S. Cal Poly - San Luis Obispo; M.S. Univ. of Oregon; National Certified Counselor

Meenaghan, Gerald T. B.A. Univ. of Oregon; M.S. Kansas St Univ. Manhattan

Counseling

De Leon, Jerry F. Dean; B.A. Univ. Colorado Boulder; M.A. Adams State Col.

Alvarado, Jessica S. A.A.S. Lane Community Col.; A.A.S. Portland Community Col.; B.S. Univ. of Oregon; M.S. Univ. of Oregon

Hampton, Anthony A.A. Chabot Col.; B.A. Univ. Texas Pan American; M.Ed. Univ. Texas Pan American

Harris, Mark C. B.A. Sonoma State Univ.; M.A. Sonoma State Univ.

Litty, Carolyn L. B.S. Univ. Calif San Francisco; M.S.N. Univ. Calif San Francisco; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon; Cert Licensed Prof Counselor; Psychiatric/Ment Health N Prac; National Certified Counselor; Marriage and Family Therapist; Mental Health Nurse

Perez-Jefferis, Consuela E. B.A. Univ. of Oregon; M.S.W. Portland State Univ.

Shipp, Susan H. B.A. Univ. of Colorado, Boulder; M.A., Univ. of Colorado, Denver

Siegfried, Jill B.A. Wittenberg Univ.; M.S. Oregon State Univ.

Solomon, Marva D. B.A. Cuny Queens Col.; M.S.W. Cuny Hunter Col.

Soriano, Leslie C. M.S. Calif St Univ. East Bav

Culinary Arts and Hospitality

Kline, Mat Dean; M.B.A. South Univ. Savannah Georgia; C.C.E. American Culinary Federation; C.E.C. American Culinary Federation

Benson, Lisa Benson S. B.S. New Mexico St Univ. Univ. Park; M.A. Coll Santa Fe; Ph.D. Univ. of Idaho

Information reflects Human Resource records as of April 2017

Crosthwaite, Christopher Cert Exec Pastry Chef, ACF; Cert Culinary Educator, ACF; Cert Executive Chef, ACF

Giglia, Vincent T. C.E.R.T.2. Culinary Institute of America

McCully, Joe B.S. Univ. of Denver; M.S. Florida International Univ.; Cert Hospitality Educator, AHM

Wanstall, Clive B. Dipl. Thanet Technical Clg; Cert Executive Chef, ACF; Cert Basic Cookery London Inst; Cert Cookery London Inst

English as a Second Language

Gates-Tapia, Anna Dean; B.A. Univ. of Calif.; B.A. Univ. of Calif.; M.S. Nova Southeastern Univ.; Certificate Univ. of Calif. Irvine

Bakshi, Indira M. B.S. Purdue Univ. West Lafayette; M.A. Univ. of Texas - Austin

Henninger-Willey, Tracy L. B.A. Northwstrn Col.; M.A. Univ. Iowa

Johnson, Norman A. Dipl. Regent Clg - Br Columbia; B.A. Seattle Pacific Univ.; M.A. Univ. of Oregon

Todd Le Douarec, Annick M. B.A. Univ. of Oregon; M.A. Univ. of Oregon; M.B.A. Univ. of Phoenix

Health & PE

Good, Julie Interim Dean B.S. Texas State Univ.; M.A. Texas State Univ.; Ph.D. Univ. of New Mexico

Cousar, Susie J. A.A. Butte Clg-Oroville; B.A. Calif St Univ. - Chico; M.S. Oregon State Univ.; CPR/AED/Oxyg Admin, ARC; First Aid Instructor Cert; CPR Certified

Herbold Sheley, Sharrie A. B.A. Calif St Univ. - Chico; M.A. Calif St Univ. - Chico

MonDragon, Sean E. B.S. Calif St Univ. East Bay; M.S. Calif St Univ. East Bay

O'Connor, Patrick G. B.S. Univ. of Oregon; M.S. Oregon State Univ.

Sheley, Greg N. B.A. Calif St Univ. - Chico; M.A. Calif St Univ. - Chico

Simmons, Wendy S. B.A. Univ. Calif Irvine; M.S. Univ. of Oregon; ACSM Cert Exercise Specialist; Licensed Massage Therapist; Cert Wellness Coach

Health Professions

Gregor, Jefferey Dean A.A.S. Community Col. of the Air Force; B.S. Univ. of New Mexico; M.Ed. Univ. of Phoenix; B.A. Univ. of Phoenix

Barnes, Sara J. A.A.S. Lane Community Col.; M.N. Walden Univ.-Minneapolis

Blickle, Thomas P. A.A.S. Portland Community Col.; B.A. Univ. of Oregon; M.S. Oregon Health Sci Univ.; Cert Hospice & Palliative Care; Registered Nurse

Brokaw, Thomas R. A.A.S. Lane Community Col.; Advanced Life Support Instruct; CPR Certified; Oregon EMT Paramedic; NAEMT Prehospital Trauma LS In

Information reflects Human Resource records as of April 2017

Brown, Linda E. A.A.S. Lane Community Col.; B.S. Oregon Health Sci Univ.; M.S.N. Univ. of Phoenix

Clark, Leslie W. A.A.S. Clark Col.; B.S. Concordia Univ. Or; M.Ed. Concordia Univ. Or

Cummins, Michelle R. A.A.S. Lane Community Col.; B.S. Oregon Institute of Technology; Registered Dental Hygenist

Driscoll, Norma L. A.S. Lane Community Col.; B.S. Linfield Col.; R.R.T.; R.C.P.

Greer, Leslie D. A.G.S. Lane Community Col.; B.S. Southern Oregon Univ.; D.F.O.D.A / E.F.O.D.A.; Certified Dental Assistant: E.F.D.A.

Hagan, Sharon S. B.S. Idaho State Univ.; M.S. Westrn Kentucky Univ.; Registered Dental Hygenist

Howard, Christina D. B.S. Univ. Calif Los Angeles; M.P.T. Univ. Calif San Francisco

Jessop, John D

Kelsay, Patricia K. B.S. Oregon Health Sci Univ.; M.A. Pacific Univ.

Killen, Janet L. A.S. Grossmont Cmty Col.; A.A.S. Saddleback Col.; B.S.N. Oregon Health Sci Univ.; M.S.N. Liberty

Kirkpatrick, Kecia K. M.S. Walden Univ.-Minneapolis

McDonald, Shari A. A.S. San Diego City Col.; B.S.N. Oregon Health Sci Univ.; M.S.N. Walden Univ.-Minneapolis; Registered Nurse

McHugh, Maggie A.

Miller-Catlin, Toby E. B.S.N. Oregon Health Sci Univ.

Miner, Jonathon C. A.A.S. Oregon Health Sci Univ.; B.S. Univ. of Oregon; Emerg Resp Instr Trainer A.R.C; Paramedic Nat'l Registry EMT; AH Adv Cardiac LS Instruct; P.A.L.S. Cert for AHA; Oregon EMT Paramedic; Outdoor Emerg Care Tech Instr; Wilderness EMT Certification; Advanced Life Support Instruct

Nearing, Francine M.

Novicky, Elizabeth A.S. Excelsior Col.; B.S. Excelsior Col.; M.S.N. Regis Univ.

Pittman, Martha E. A.A.S. Excelsior Col.; C.M.A.; Registered Nurse

Powell, Tamberly M. M.S. Oregon State Univ.

Rickerl, Kellee J. A.S. Victor Valley Col.; B.A. Chapman Univ.; R.R.T.

Roders, Susan B. A.A. Pasadena City Col.; B.S.N. Mount St Marys Coll Chalon; M.S. Oregon Health Sci Univ.

Tavernier, Jennifer R. A.S. Lane Community Col.; B.S.N. Indiana State Univ.-Terre Haute; B.S. Univ. of Oregon; M.S.N. Indiana State Univ.-Terre Haute

Thorpe, Beth A. A.A. Univ. Evansville; B.S. Univ. Evansville

Tiel, Bren A. A.A.S. Portland Community Col.; B.S.N. Walla Walla Univ.; M.N. Univ. Calif Los Angeles; Registered Nurse

Tully, Tricia G. B.S.N. Northrn Illinois Univ.; M.S. Troy State Univ. Montgmry

Walters, Kathleen A.A.S. Skagit Valley Col.; A.A. Moorpark Col.; B.S. Calif St Univ. Northridge; M.Ed. Bowling Green St Univ. Bwlng Gr; M.S.N. Walden Univ.-Minneapolis **Welch, Janet S.** B.S.N. Univ. Minnesota Minneapolis; M.N. Univ. Minnesota Minneapolis; Registered Nurse

Williams, Shelley K. A.A.S. Lane Community Col.; A.A.S. Westrn Nebraska C C Scttsbluff; B.A. Northwest Christian Univ.; Registered Nurse

Institute for Sustainable Practices

Ebbage, Roger A. B.A. San Francisco State Univ.; M.A. San Jose State Univ.

Language, Literature and Communication

Carkin, Susan J. Dean; B.A. Southrn Illinois Univ. Carbndle; B.A. Southrn Illinois Univ. Carbndle; M.A. Univ. of Oregon; M.A. Utah State Univ.; Ph.D. Northrn Arizona Univ.

Almquist, Karin B.A. Univ. of Oregon; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Bartley, Aryn E. B.A. Michigan State Univ.; M.A. Michigan State Univ.; Ph.D. Michigan State Univ.

Beasley, Amy B.A. Gettysburg Col.; M.A. Washington State Univ.

Chaves, Hernando J. B.A. Western Washington Univ.; M.F.A. Univ. of Oregon

Cusimano, Roma R. B.A. Oregon State Univ.; B.S. Univ. Wisc Madison; M.A. Univ. of Oregon

Frasier, Crosby J. B.A. Ambassador Clg-Big Sandy; M.A. Univ. Louisiana Monroe

Harrison, Jeffrey D. B.A. Duke Univ.; M.A.T. Duke Univ.; Ph.D. Univ. of Oregon

Krumrey-Fulks, Karen S. B.A. Southrn Utah Univ.; M.A. Univ. Kentucky Lexington; Ph.D. Univ. Kentucky Lexington

Luke, Matthew M. B.A. San Diego State Univ.; M.A. Univ. of Oregon

Lushia, Sarah M. M.A. Illinois State Univ.; Ph.D. Illinois State Univ.

Matalon-Florendo, Sylvie B.A. Univ. Sorbonne Nouv - Paris Iii; B.A. Univ. Sorbonne Nouv - Paris Iii; M.A. Univ. of Oregon

McDonald, Michael B. M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

McGrail, Anne B. B.A. Univ. Mass Boston; M.A. Suny Buffalo; Ph.D. Suny Buffalo

Shitabata, Russell H. B.A. Univ. Hawaii Manoa; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Stefanovska, Bojana B.A. Univ. of Grenoble; M.A. Univ. of Grenoble

Sullivan, Kate E. B.A. Minnesota State Univ. Moorhead; M.A. Northeastern Univ.; Ph.D. Univ. of Oregon

Szabady, Gina L. B.A. Univ. Wyoming-Admissions; M.A. Univ. Hawaii Manoa; Ph.D. Univ. of Arizona

Thompson, Eileen M. B.A. Univ. Puget Sound; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Tullis, Lynn B. B.A. Colorado Col.; M.A. Portland State Univ.; Ph.D. Univ. of Oregon

Viles, Andrew M. A.S. Blue Mountain Comm Col.; B.A. Oregon State Univ.; M.F.A. Univ. of Michigan-Ann Arbor; Ph.D. Univ. of Oregon

Von Ammon, Jennifer L. B.A. Florida State Univ.; M.A. Florida State Univ.; Ph.D. Florida State Univ.

Library

Wamsley, Lori Dean B.S. Univ. of Portland; M.A. Emporia State Univ.; M.A. Emporia State Univ.; Ph.D. Oregon State Univ.

Doctor, David L. B.A. Univ. Puget Sound; M.L.S. Univ. Washington

Ferro, Jennifer A. B.A. Univ. of Arizona; M.L.I.S. Univ. of Texas - Austin

Macnaughtan, Donald T. B.A. Univ. of Auckland; M.A. Univ. of Auckland; M.L.S. Victoria Univ. of Wellington

Mathematics

Hledik, Kathryn L. Dean; B.A. Oregon State Univ.; M.A. Univ. of Oregon

Green, Dale E. B.A. Univ. of Oregon; M.A. Oregon State Univ.

Harbowy, Daniel P. B.A. Rutgers/State Univ.-New Jersey; M.S. Univ. of Florida

Holton, Kristina L. B.S. Oregon State Univ.; M.S. Oregon State Univ.

Hsiao, Berri B.S. Univ. of Oregon; M.S. Montana State Univ. Bozeman; M.S. Univ. of Oregon

Knoch, Jessica R. B.S. Randolph-Macon Womans Col.; M.A. Univ. of Cincinnati; M.A. Univ. of Virginia

Kovcholovsky, Michel P. B.A. Univ. of Oregon; M.S. Univ. of Oregon

Lightheart, Wendy N. B.S. Oregon State Univ.; M.S. Oregon State Univ.

Martinek, Angela B. B.S.M.E. Univ. Vermont; M.S. Univ. Vermont; M.S.M.E. Univ. Vermont

Moore, Philip E. B.A. Harvard Univ.; M.S. Univ. Iowa

Murphy, Deanna J. B.A. Temple Univ.; M.S. Portland State Univ.

Peck, Arthur M. B.S. Muhlenberg Col.; M.S. Univ. of Oregon

Rajabzadeh, Ahmad B.S. Eastern Washington Univ.; M.S. Oregon State Univ.

Rawlinson, Wendelle L. B.A. Sonoma State Univ.; M.S. Univ. of Oregon

Selph, Stephen L. B.S. Trinity Univ.; M.S. Northwstrn Univ.

Smith, Gayle L. B.S. Univ. Illinois Chicago; M.S. Eastern Washington Univ.

Thonney, Paula A. B.S. Illinois State Univ.; M.S. Southrn Illinois Univ. Carbndle

White, Karen L. B.A. Colorado Col.; M.S. Univ. of Oregon

Music, Dance and Theatre Arts

Lubben Richard Dean; B.A. California State Univ., Sacramento; M.F.A. Instituto Allende, San Miguel de Allende in Mexico **Haimbach, Brian P.** B.A. Florida State Univ.; M.A. Univ. Nevada Las Vegas; Ph.D. Univ. Georgia Athens

McManus, Edward C. B.M. Univ. of Oregon; M.M.Ed. Univ. of Oregon

Myrick, Barbara B.M.E. Montana State Univ. Bozeman; M.M. Univ. of Oregon; M.A. Eastman Sch of Music-Rochester; D.M.A. Univ. of Oregon

Simoa Reid, Bonnie L. B.A. Calif St Univ. - Chico; M.F.A. Mills Col.; Cert Continuum Movement Instr

Svoboda, Matthew D. B.A. Lewis & Clark Col.; B.M. Univ. of Oregon; M.M. Univ. of Oregon; M.M. Univ. of Oregon

Watanabe, Hisao B.M. Roosevelt Univ.; M.M. New England Conservatory Music

Science

Ruscher, Paul H. Dean B.S. Suny Coll Oneonta; M.S. Oregon State Univ.; Ph.D. Oregon State Univ.

Andrews, Christine M. B.S. Univ. Washington; Ph.D. Univ. Pennsylvania Undrgrd Adm

Bunson, Paul E. B.S.E.E. Univ. Pennsylvania Undrgrd Adm; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Gilbert, Dennis D. B.S. Calif St Univ. Fresno; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Kiser, Stacey L. B.S. Oregon State Univ.; M.S. Univ. of Oregon

McLaughlin, Jeanne M. B.S. Univ. of Oregon; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Mort, Gary E. B.S. Southern Oregon Univ. Newell, Carrie L. B.S. South Dakota State Univ.; B.S. Southrn Utah Univ.; M.S. Northrn Arizona Univ.

Nichols, Brian R. A.A.S. Lane Community Col.; B.S. Univ. of Oregon; M.S. Univ. of Oregon

Swank, Stanton R. B.S. Cal Poly - San Luis Obispo; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Taylor, Brooke E. B.S. Univ. of Oregon; M.S. Univ. of Oregon

Thompson, John E. B.S. Westmont Col.; M.S. Univ. Colorado Boulder

Young, Douglas M. B.A.S. Univ. Calif Davis; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Social Science

Martinez, Philip R. Interim Dean B.A. Univ. Calif Irvine; M.A. Univ. Calif Berkeley; M.A. Univ. Calif Riverside

Adams, Cynthia B.A. Calif St Univ. Long Beach; M.A. Calif St Univ. Long Beach; Ph.D. Wayne State Univ.

Anderson, Jody L. B.A. Univ. of Oregon; M.A. Univ. of Oregon

Benjamin, Jane E. B.S. Univ. of Oregon; M.S. Univ. of Oregon

Bishop, Jean M. B.A. Eastern Washington Univ.; M.A. Univ. of Oregon

Borrowdale, Jeffrey B.A. Calif St Univ. Sacramento; M.A.C.Phl. Univ. Calif Santa Barbara **Broderick, Sheila N.** B.A. Univ. of Oregon; M.A. Univ. of Oregon

Burrows, Kendra S. B.S. Carnegie Mellon Univ.; M.S. Univ. of Utah

Burrows, William H. B.S. Southern Oregon Univ.; M.S. Southern Oregon Univ.

Escobar, Joe G. B.A. Calif St Univ. Fullerton; M.A. Calif St Univ. Fullerton

Helzer, Margaret M. A.S. Penn State Univ./Mont Alto; B.S. Univ. of Oregon; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Hickey, Beverly J. B.S. Univ. Calif Davis; M.A. Stanford Univ.; Elem Education Teaching Cert; Bilingual Spanish/English

Lloyd, Kathleen M. B.A. Lewis & Clark Col.; M.Ed. Univ. of Portland; Ph.D. Oregon State Univ.

OFearghail, Caoimhin P. B.A. Northrn Arizona Univ.; B.S. Northrn Arizona Univ.; M.A. Univ. Nevada Las Vegas

Raza, Nadia K. A.A. Orange Coast Col.; B.A. Univ. Calif Los Angeles; M.A. Humboldt State Univ.

Salt, James T. B.S. Univ. Maine Orono; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Salter, Christina L. B.A. New Clg - Univ. South Florida; M.S. Univ. of Oregon; Cert Licensed Prof Counselor; National Certified Counselor

Samano, Michael L. B.A. Univ. of Oregon; M.A. Univ. Calif Davis; M.A. Humboldt State Univ.; Ph.D. Oregon State Univ.

Songer, Lynn C. B.S. Univ. of Oregon; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Taylor, Stan N. B.A. Univ. Kansas; M.A. Univ. of Oregon; L.L.M. Georgetown Univ.-Law Ctr; J.D. Univ. of Pacific/Mc George Law; Ph.D. Univ. of Oregon

Williams, Suzanne L. B.S. Grand Valley State Univ.; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Student Life and Leadership Dev

Walsh, Christina Dean B.S. Wellesley Col.; M.Ed. New York Univ.; Ph.D. New York Univ.

Evans, Gregory A. B.S. Myers Univ.; M.Ed. Oregon State Univ.

Garcia, James S. B.S. Univ. of Oregon

TRIO

Parthemer, Mary S. Dean; A.A.S. Whatcomm Community Col.; B.A. Western Washington Univ.; M.S.W. Arizona State Univ.; Licensed Clinical Social Worker

Torch

Wearne, Dorothy R. B.S. Univ. of Oregon; M.S. Univ. of Oregon

Women's Programs

Di Marco, Cara E. B.A. Univ. of Oregon; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Information reflects Human Resource records as of April 2017

Part-Time Instructional Staff

Academic Learning Skills

Burley, Hali M. B.A. San Francisco State Univ.; M.A. Oregon State Univ.

Groves, John M. B.A. Univ. of Vermont; M.F.A. Oregon State Univ.

Harvey, Ronald G. B.A. Andrews Univ. Berrien Springs; M.A. Ohio Univ. Athens; Ph.D. Michigan State Univ. East Lansing

Kepka, Jennifer A. B.A. Univ. Kansas; M.F.A. Univ. of Oregon

Kolman, Sue E. B.A. Goucher Col.; M.Ed. Goucher Col.

Leonard, Enid R. B.A. Calif St Univ. Northridge; M.Ed. Oregon State Univ.

Murrell, Richard J. B.S. Univ. of Oregon; M.A. Pacific Univ.; M.S. Troy State Univ. Troy

Myers, Karen D. B.A. Univ. of Guelph - Ontario: M.A. Univ. of Oregon

Perkins, Megan A.A. Lane Community Col.; B.S. Univ. of Oregon; M.Ed Oregon State Univ.

Rubinstein, Leslie J. B.A. Sarah Lawrence Col.; M.Ed. Pacific Univ.

Schweigert, Cynthia J. B.A. Univ. of Oregon; M.A. Univ. of Oregon

Summers, Leroy M.Ed. Oregon State

Wight, Sherrill C. B.S. Brigham Young Univ. Utah; M.Ed. Univ. of Utah

Adult Basic and Secondary Education

Arias Anrango, Rafael B.A. Univ. of Oregon; M.A. Univ. of Oregon

Levine, Keren O. N.O.D.E.G. Lane Community Col.; N.O.D.E.G. Portland State Univ.; A.A. Lane Community Col.; B.A. Univ. of Oregon; B.F.A. Univ. of Oregon; M.Ed. Oregon State Univ.; M.Ed. Western Oregon Univ.

Mason, Teresa E. B.S. New Mexico Inst Mining & Tech; M.Ed. Univ. of Oregon

Monroe, Anne S. B.S. Univ. Wisc Madison

Nissila, Phyllis M. B.A. George Fox Univ.; M.A. Calif St Univ. Dominguez Hills

Palaniuk, Tiffany M.

Shelly, Rachel R. M.A. Pacific Univ.

Walker, Ann E. B.A. San Francisco State Univ.; M.A. Pacific Univ.

Advanced Technology Division

Babson, James N. B.A. Cornell Univ.

Caffey, Stephen P. A.A.S. Lane Community Col.

Call, Daniel L. B.S. Univ. Washington; Cert Master RV Technician

Carrere, Daniel A. B.S. Georgia Col. & State Univ.; M.S. Georgia Col. & State Univ.

Dale, Terry R. A.S. Spartan School Aeronautics; B.S. San Jose State Univ.

Information reflects Human Resource records as of April 2017

Fleming, Cheryl L. A.S. Lane Community Col.; A.S. Laramie County Community Col.; B.S. Linfield Col.

Kruse, David A. B.S. Yale Univ.; B.M. Juilliard School; M.M. Juilliard School

Moore, Herbert E. FAA Airframe and Powerplant; ASE Cert Master Gas Eng Mach

Rea, Paul H.

Revell, Robert D. Journeyman Cert Millwright

Steinberg, Shalimar B.A. Unknown Oregon Col.

Arts Division

Ali, Katherine L. B.F.A. Calif Col. of Art

Berner, Christopher A. B.F.A. Kansas City Art Institute

Beyer, Erika R. B.A. Carleton Col.; M.A. Univ. of Oregon

Breding, Corral L.

Burton, Thomas J. A.A.O.T. Lane Community Col.

Campbell, George R. A.A. Lane Community Col.; B.S. Univ. of Oregon

Caprario-Ulrich, Kathleen M. Dipl. Newark Sch Fine & Indust Art

Coronado, Ian I. B.F.A. Univ. Oklahoma; M.F.A. Univ. of Oregon

De Vine, Robert B.F.A. St Johns Univ.

DeVore, Carla E. B.F.A. Univ. Minnesota Duluth; M.A. Univ. of Oregon

Dussinger, Camilla A. N.O.D.E.G. Parkland Col.; B.F.A. Westrn Illinois Univ.; M.F.A. Syracuse Univ.

Finnerty, Kathryn A. M.F.A. Louisiana St Univ. Baton Rouge

Goolsby, Jefferson J. B.A. Calif St Univ. -Chico; M.A. Calif St Univ. - Chico; M.F.A. Univ. of Oregon

Halvorsen, Jan A. B.F.A. Univ. of Oregon **Jolicoeur, Michelle A**.

Lucanio, Patrick J. B.S. Western Oregon Univ.; M.A.T. Western Oregon Univ.; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Madison, Thomas O. B.S. Western Oregon Univ.

McDonald, Damian J. A.A. Lane Community Col.; B.A. Univ. of Oregon

Osterkamp, Ellen A. B.A. Loyola Univ. of Chicago; M.A. Univ. of Oregon

Phillips, Michael G. B.F.A. Univ. of Oregon; M.F.A. Rochester Inst Tech

Potwora, Kristie A. B.A. Humboldt State Univ.; B.F.A. Univ. of Oregon; M.F.A. Univ. of Oregon

Richenberg, Carrie O. B.A. Univ. of Oregon; B.A. Univ. of Oregon; M.F.A. American Univ. Dc

Salzman, Jennifer K. B.S. Univ. Wisc Stevens Point; M.F.A. Univ. Minnesota Minneapolis

Seloover, Robin E. B.F.A. Univ. of Oregon; M.F.A. Univ. of Oregon; M.F.A. Univ. of Oregon

Tykeson, Ellen P. B.S. Univ. of Oregon; M.F.A. Univ. of Oregon

Vander Schaaf, Elizabeth B.A. Univ. of Oregon; M.A. Univ. of Oregon

Welton, Daniel V. B.A. San Jose State Univ.; M.S. Univ. of Oregon

Aviation Academy

Daniel, Nicholas J. FAA Flight Instructor, CFII; FAA Ground Instructor Advanced; FAA Community Pilot Sgl Eng Lnd Inst; FAA Ground Instructor Instrum

Lowenkron, Laurence H. B.S. Humboldt State Univ.; FAA Airframe and Powerplant; FAA Comm Pilot Glider; FAA Community Pilot Sgl Eng Lnd Inst; FAA Comm Pilot Single Sea; Cert Professional Engineer

Parrish, Walter S. A.S. Lane Community Col.; A.S. Lane Community Col.; A.S. Lane Community Col.; B.A. Northwest Christian Univ.; FAA MEI (Multiengine Instruct); FAA MEL (Multi-Engine Land); FAA Community Pilot Sgl Eng Lnd Inst; FAA Ground Instructor Instrum; FAA Ground Instructor Advanced; FAA Flight Instructor, CFII

Roney, Michael S. A.A.S. Lane Community Col.; FAA Flight Instructor, CFII; FAA MEL (Multi-Engine Land); FAA Ground Instructor Instrum; FAA Ground Instructor Advanced; FAA Community Pilot SgI Eng Lnd Inst

Ruwaldt, Bryan R.

Wisdom, Jacob I. A.S. Lane Community Col.; FAA Flight Instructor, CFII; FAA Community Pilot Sgl Eng Lnd Inst; FAA Ground Instructor Advanced; FAA Ground Instructor Instrum

Withrow, Jesse J. FAA Community Pilot Sgl Eng Lnd Inst; FAA Ground Instructor Instrum; FAA Flight Instructor, CFII; FAA Ground Instructor Advanced

Wynn, Brandon D.

Business

Boyle, Patricia A. B.S. Cal Poly - San Luis Obispo; M.B.A. Oregon State Univ.

Chase, James A.A.S. Lane Community Col.; B.S. Northwest Christian Univ.; M.A. Northwest Christian Univ.

Hovet, Timothy D. B.A. Univ. Montana; M.B.A. Univ. of Oregon

Kimble, Sharon R. B.S. Westrn Carolina Univ.; B.S. Westrn Carolina Univ.; M.Ed. Westrn Carolina Univ.

LePelley, Eilene R. B.A. Idaho State Univ.

McGlynn, Kaaren L. B.S. Portland State Univ.; M.B.A. Portland State Univ.; M.S. E-Commerce National Univ.

Parsons, Rick L. A.A. Columbia Col. Mo; B.A. Columbia Col. Mo; M.A. Calif St Univ. Long Beach

Reed, Kathryn A. B.A. Univ. of Oregon

Wallace, Tulsi E. B.L.A. Univ. of Oregon; M.B.A. George Fox Univ.

Winnick, Keith E. B.S. Calif St Univ. Northridge; M.B.A. Univ. of Oregon; Certified Public Accountant

Computer Information Technology

Baughman, Andrea S. A.A. Lane Community Col.; B.A. George Fox Univ.

Crissman, Kevin L.

Dotson, Pamela J. B.A. Washington State Univ.; M.A. San Francisco Theol Seminary

Evans, Susan R. B.A. Montana Tech of Univ. Montana; M.S. Colorado State Univ. Ft Collins

Gray, Michael K. B.A. Univ. of Oregon; M.A. Univ. of Oregon; Secondary Teaching Certificate

Lindsey, Julie L. B.S. Linfield Col.; M.B.A. Grand Canyon Univ.

Maleki, Mohammad B.S. Univ. of Oregon; M.S. Univ. of Oregon

Osak, Linda S. B.S. Univ. Calif Riverside Rizk, Ziad A. B.A. San Diego State Univ.

Ross, Gerald J. B.A. Suny Buffalo; M.A. Univ. of Oregon; Teacher Corps Graduate

Scott, Lawrence R. B.S.C. Univ. of Victoria - Canada; B.S.C. Univ. of Victoria - Canada; M.A. Antioch Univ.-Yellow Springs

Tippin, Deborah J.

Cooperative Education

Farfan, Beverly V. C.E.R.T.1. San Jose State Univ.; A.S. Univ. Calif Santa Cruz; B.A. Calif St Univ. Long Beach; Learning Hndicpd Teaching Cert; Elem Education Teaching Cert; Severely Disab Teaching

Watrous, Merrill K. B.A. Scripps Col.; B.A. Occidental Col.; M.Ed. Santa Clara Univ.

Cottage Grove Center

Couch, Denise D. B.A. San Diego State Univ.; M.A. San Diego State Univ.

Farrington, Marianne P. C.E.R.T.1. Alvin Ailey American Dance Ctr; A.A.S. Fashion Inst Tech; Kickboxing Certification; Personal Trainer Certification; AFAA Certification; OSSA Coach

Gilroy, Mary M. A.A. Ventura Community Col.; B.A. Humboldt State Univ.; M.A. Oakland Univ.

Rothgery, Andrew W. B.A. Univ. of Oregon; M.A. Univ. of Oregon

Counseling

Jones, Laura M. B.S. Univ. of Oregon; M.S. Univ. of Oregon; Ph.D. Univ. of Oregon

Mc Kenzie, Bree M. B.A. Univ. Calif Santa Cruz; M.S. Oregon State Univ.

Ochoco, Kelly K.

Willoughby-Roberts, Dawna R. B.A. Univ. of Oregon; M.S. Univ. of Oregon

Culinary Arts and Hospitality

Dombrosky, Adrienne L. B.A. Univ. of Oregon

Lohr, Peter Journeyman Cert Hotel/ Catering

Tracey, Shane P.

English as a Second Language

Burley, Hali M. M.A. Oregon State Univ.; Teachng Engl Speakr Othr Lang

Claypool, Leah A. B.A. Univ. of Oregon; M.A. Portland State Univ.

Elms, Hillary F. B.A. Univ. of Oregon; B.S. Univ. of Oregon; M.A. Concordia Univ. Or

Gessert, Kate R. B.A. Wellesley Col.; M.S. Bank Street Clg of Ed-New York

Haynes, Pamela G. B.A. Univ. of Oregon; M.A. Portland State Univ.; Elem Education Teaching Cert

Higgins, Cybele M. B.A. Univ. Calif Santa Cruz; M.A. Portland State Univ.

Howard, Andrew C. B.S. Oregon State Univ.; B.A. Brown Univ.

Kremers, Luda V. B.Ed. Odesssa State Linquistic Univ.; Ph.D. Foreign Cols; Ph.D. Odesssa State Linquistic Univ.

McClelland, Sean C. B.A. Univ. of Oregon; M.A. Univ. of Oregon

Sacklin, Jennifer M.

Shields, Colleen M. B.A. Boston Univ.; M.A. Univ. Mass Boston

Zinniker, Stacey M. B.A. Univ. of Oregon; M.A. Pacific Univ.

Florence Center

Anderson, Deborah G. B.A. Calif St Univ. Los Angeles; M.S. Calif St Univ. Los Angeles

Anderson, Jo Ellen B.S. Oregon State Univ.; M.S. Stanford Univ.; Ph.D. Stanford Univ.

Brown, Karen S. B.A. Wright State Univ.-Dayton; M.A. Wright State Univ.-Dayton

DePuente, Yvonne B. A.A. Lane Community Col.; B.S. Oregon State Univ.; M.S. Oregon State Univ.

Hasvold, Christine C. M.A. Univ. Northrn lowa

Josef-Maier, Clare B.A. Pacific Lutheran Univ.; M.A. Seattle Univ.

Mitchell, James A. M.S. Brigham Young Univ. Utah

Purtell, Elizabeth B.A. Linfield Col.; M.Ed. Univ. of Oregon

Health and PE

Austin, Susan R. B.A. Bowdoin Col.; M.S.W. Smith Clg/Grad Sch-Social Work

Blunt, Joshua W. B.A. Cal Poly - San Luis Obispo; M.S. Valdosta State Univ.

Chavka, Bruce A. B.A. Westrn State Col. Co; B.S. Westrn State Col. Co; M.S. Emporia State Univ.

Davis, Tina M. B.S. Oregon State Univ.; M.Ed. Oregon State Univ.

Farwell, Christie M.

Gibeau, Samantha J. A.A. Portland State Univ.; B.S. Western Oregon Univ.; M.Ed. Pacific Univ.

Grumbley, Kevin L. B.S. Western Oregon Univ

Hayes, Sean W. B.A. Michigan State Univ. Kaczenski, Louis H. B.A. Univ. of Oregon; M.A.T. Oregon State Univ.

Mertz, Erica L. B.A. Univ. Nevada Las Vegas; M.S. Univ. Nevada Las Vegas

Oberstaller, Peggy E. M.S. Oregon State Univ.; AHA Cert Basic Life Supt HPI; First Aid Instructor Cert: AH CPR Instructor

Olmos, Kristen C. B.S. Calif St Univ. San Bernardino; M.P.H. Loma Linda Univ.; Registered Dietician

Pearce, Kelley L. C.E.R.T.1. Lane Community Col.; ACSM Cert Exercise Specialist; ACE Cert Group Fitness Instr

Reidy, Vernasue E.

Seeley, Kathleen M. B.S. Univ. of Oregon; ACE Cert Group Fitness Instr

Wilken, Lyndell K. B.S. Univ. Illinois Urbana; M.S. Univ. Illinois Urbana

Willett, Stephanie A. A.A.O.T. Southwestern Ore Comm Col.; B.S. Western Oregon Univ.

Health Professions

Brown, Natalie J. A.A.S. Lane Community Col.; B.S. Oregon Health Sci Univ.; M.S. Oregon Health Sci Univ.

Callahan, Alice S. B.S. Cornell Univ.; Ph.D. Univ. Calif Davis

Clack, Crystal A. M.S. Col. St Scholastica Collins, Kelly D. B.S. Univ. Missouri Columbia; J.D. Univ. of Oregon

Cully, Imogene V.

Dodge, Vicki L. A.A. Fresno City Col.; B.S. Northrn Arizona Univ.

Duyck, Mark G. A.A. Mount Hood Community Col.; B.S. Portland State Univ.; B.S. Univ. of St Francis; M.S. Portland State Univ.; Lic Phys Therapist Assistant

Gust, Brandon W.

Hamlin Rupp, Piper L. B.S. Linfield Col.; Cert Computer Science

Hill, Richard W.

Houser, Cris A. B.S. Oregon Institute of Technology

Johns, Tamra R. B.S. Oregon Institute of Technology

Jones, Jill M. B.S.D.H. Oregon Health Sci Univ.; M.S. Univ. Iowa

Knight, Stephen G. A.A.S. Lane Community Col.; B.S. Univ. of Oregon

Langlois, Alicia J. B.A. Northwest Christian Univ.

Maahs, Tamara A.A.S. Lane Community Col.; B.S. Oregon Institute of Technology; Registered Dental Hygenist

Manning, Cindy A. B.S. Linfield Col.; M.A. Ldrshp Inst Seattle-Bastyr Unv

McCabe, Chanlin C.

McFerran, Teresa M. B.S. Quinnipiac Univ.; B.S. Rutgers/State Univ.-New Jersey; M.S. Rutgers/State Univ.-New Jersey; Registered Dietician

Information reflects Human Resource records as of April 2017

Miner, Jennifer A. B.A. Univ. of Oregon; M.S. Univ. of Oregon

Peterson, Kym M. Certified Dental Assistant

Rathakette, Noy B.S. Mahidol Univ. -Thailand; M.S. Univ. of London - U.K.; Ph.D. Univ. of Oregon

Reynolds, Susan M. B.S. Simmons Col.; M.S. Univ. of Oregon

Robinson, Thomas I.

Smith, Jan M.

Tabor, Matti J.

Trickey, Linda S.

Wilkinson, Brian J.

Yui, Amber M. B.S. Cal Poly - San Luis Obispo; M.P.H. Calif St Univ. Long Beach; Cert Health Educ Specialist; Registered Dietician

Institute for Sustainable Practices

Cunningham, Kai R.

MacDonald, Fraser E. B.S. Univ. Nebraska LinColn; M.A. Univ. of Oregon

Mae, Sonja A.A.O.T. Lane Community Col.; B.A. Prescott Col.

Marinello, Suzanne L. B.S. Cal Poly - San Luis Obispo

Mayfield, Ryan J. B.S. Humboldt State Univ.

Merris, William D. B.A. Univ. Illinois Urbana

Sims, Michael D. B.B.A. Texas A&M Univ.-Clg Station; B.A. Univ. Montana; M.S. Univ. of Oregon

Vaccher, Joseph V. A.A.S. Lane Community Col.

Willis, Erika C. B.A. Col. Wooster

International Student Program

Rivera, Caitlan M. B.A. Queens Univ. Charlotte; M.A. Sch For International Trng Yardley, Russell E. B.A. Univ. of Oregon

Language, Literature and Communication

Andersen, William C. A.A. Clackamas Community Col.; A.S. Clackamas Community Col.; B.S. Oregon State Univ.; M.A. Oregon State Univ.

Aydelott, Elizabeth B.A. Emory Univ.; M.A. Indiana Univ. Bloomington; Ph.D. Indiana Univ. Bloomington

Bockoven, David S. B.A. Univ. Washington; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Brasted-Maki, Donald M. B.A. St Olaf Col.; B.S. Univ. Minnesota Minneapolis; Ph.D. Temple Univ.

Budz, Devon T. B.A. Univ. of Oregon; M.A. Univ. of Oregon

Casimir, Ulrick C. B.A. North Car State Univ. Raleigh; M.F.A. Univ. North Carolina Greensboro; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon **Caston, Merry C.** B.A. Univ. Iowa; M.F.A. Univ. of Oregon

Coleman, Stanley R. B.A. Dillard Univ.; M.S. Univ. Louisiana Lafayette; Ph.D. Louisiana St Univ. Baton Rouge

Cordova, Angela J. B.S. Oregon State Univ.; M.S. Oregon State Univ.

Daniels, Joshua B.A. Univ. Calif Santa Cruz; B.A. Cornell Univ.; M.A. Univ. of Oregon

De Vries, Rosemarie T. A.A.S. Onondaga Community Col.; B.S. Syracuse Univ.; M.S. Syracuse Univ.; Ph.D. Univ. of Oregon

Fleming, William P. M.A. Cuny City Col.; M.F.A. Univ. of Oregon

Gabrieli, Daphne A. B.A. New Clg - Univ. South Florida; M.A. Univ. of Oregon

Ghiselin, Katherine B.A. Bethany Col. Wv; Ph.D. Univ. of Oregon

Ginsberg, Marsha W. B.A. Cornell Univ.; Ph.D. Suny Buffalo

Hankinson, Cheryl L. B.Ed. Central Washington Univ.; M.A. Brigham Young Univ. Utah

Harper, Zachary C. B.A. Fontbonne Univ.; M.A. Northrn Illinois Univ.

Henry, Daniel L. B.S. Western Oregon Univ.; M.S. Univ. of Oregon

Hermach, Deborah A. B.S. Northwest Christian Univ.; M.S. Univ. of Oregon

Horton, Kathleen A. A.A. Grays Harbor Col.; B.A. St Martins Col.; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Houchens, Clayton F. B.A. Davidson Col.; M.A. Univ. North Carolina Chapel HI; Ph.D. Univ. of Oregon

Jensen, Peter J. B.A. Univ. of Michigan-Ann Arbor; M.A. New York Univ.

Jensen, Sandra M. B.A. Univ. Washington; M.A. Calif St Univ. Fullerton; Bilingual Spanish/English

Keech, Beth E. B.A. Villanova Univ.; B.S. Villanova Univ.; M.A. Middlebury Col.

Kemmy, Ann M. B.A. Reed Col.; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Kendall, Brooke M. B.S. Oregon State Univ.; M.A. Washington State Univ.

Kiser, James J. B.A. Humboldt State Univ.; M.A. Humboldt State Univ.

Levin, Mara B.A. Suny Buffalo; M.A. Univ. Connecticut - Storrs; Ph.D. Univ. of Denver

Lougee, Cameron E. B.A. Southern Oregon Univ.; M.A. Univ. of Oregon

Love, Jennifer M. B.A. Oberlin Col.; M.A. Oregon State Univ.; M.L.I.S. Univ. Wisc Milwaukee; Ph.D. Univ. Nevada Reno

Ma, Perry W. B.A. Shanxi Univ. - Taiyuan China; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Mackay, Daniel J. B.A. Wayne State Univ.; M.A. New York Univ.; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

McLauchlin, Robert A. B.A. Univ. Oklahoma; M.A. Univ. of Oregon

McQuillan, Lucas P. B.A. Humboldt State Univ.; M.A. San Diego State Univ.

Mortensen, Camilla H. B.A. New Clg -Univ. South Florida; M.A. Univ. Calif Los Angeles; Ph.D. Univ. of Oregon

Owens, Nancy R. B.A. Knox Col.; M.A. Univ. Calif San Diego; M.F.A. Washington Univ.; Ph.D. Univ. Calif San Diego

Rothgery, David B. B.A. Baldwin-Wallace Col.; M.Ed. Univ. of Virginia; M.A.T. Duke Univ./Grad Sch Arts & Sci; Ph.D. Univ. of Oregon

Shaner, Timothy W. B.A. Ft Lewis Col.; M.A. Antioch Univ.-Yellow Springs; Ph.D. Suny Buffalo

Sheppard, Beth E.

Shull, Kathleen R. B.A. Univ. of Oregon; M.A. Univ. of Oregon; Ph.D. Univ. of Oregon

Skupsky, Michael M.A. Colorado Mesa Univ.; M.S. Colorado Mesa Univ.; M.A. Univ. of Oregon; M.S. Univ. of Oregon

Stevenson, Gail C. B.A. Univ. of Oregon; M.S. Univ. of Oregon

Sullivan, Barbara T. B.A. Antioch Univ.-Yellow Springs; M.F.A. Univ. of Oregon

Thompson, Angela M.

Thompson, Rebecca C. B.A. Univ. of Oregon; M.A. Univ. of Oregon

Treichel, Eliot H. B.A. Prescott Col.; M.F.A. Bennington Col.

Untz, Lynn M. B.A. New School/Eugene Lang Col.; M.F.A. Univ. of Oregon

Viles, Jerome M.

Watt, Carol D. B.A. Univ. Calif Los Angeles; M.A. Calif St Univ. Long Beach; Ph.D. Univ. of Oregon

Williams, John E. B.A. Univ. of The Pacific; M.A. New York Univ.; M.A. Univ. of Oregon

Williams, Susan E. B.A. Cornell Univ.; M.A. Univ. Calif Berkeley

Mathematics

Albrethsen, Kristen B.A. Mount Holyoke Col.; M.S. Purdue Univ. West Lafayette

Armstrong, Nikki G. B.S. Calif St Univ. Bakersfield; M.S. Univ. Calif Berkeley

Bahen, Gordon B.A. Brigham Young Univ. Utah; M.A. Univ. Montana; Secondary Teaching Certificate

Behm, Charlotte E. B.A. Univ. Tennessee Knoxville; B.S. Univ. Tennessee Knoxville; M.A. San Francisco State Univ.; M.B.A. Xavier Univ. Oh; M.S. Univ. Tennessee Knoxville; Cert Professional Engineer

Beick, Molly M. B.A. Calif Lutheran Univ.; M.A. Univ. Calif Berkeley

Blackburn, Christopher J. B.A. Col. of The Holy Cross; M.A.T. Univ. of Florida

Brentmar, Ann B.S. Penn State Univ./Univ. Park; M.Ed. Univ. of Oregon

Brentmar, Ann B.S. Penn State Univ./Univ. Park; M.Ed. Univ. of Oregon

Carroll, Ron M. B.A. Calif St Univ. Northridge; M.S. Calif St Univ. Northridge

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School of Professional and

#### Vision

#### Transforming lives through learning

#### **Mission**

Lane is the community's college: we provide comprehensive, accessible, quality, learning-centered educational opportunities that promote student success.

#### **Values**

#### Learning

- · Working together to create a learning-centered environment
- Recognizing and respecting the unique needs and potential of each learner
- · Fostering a culture of achievement in a caring community

#### **Diversity**

- Welcoming, valuing and promoting diversity among staff, students, and our community
- Cultivating a respectful, inclusive, and accessible working and learning environment
- Working effectively in different cultural contexts to serve the educational and linguistic needs of a diverse community
- Developing capacity to understand issues of difference, power and privilege

#### Innovation

- Supporting creativity, experimentation, and institutional transformation
- Responding to environmental, technological, and demographic changes
- Anticipating and responding to internal and external challenges in a timely manner
- Acting courageously, deliberately, and systematically in relation to change

#### **Collaboration and Partnership**

- · Promoting meaningful participation in governance
- Encouraging and expanding partnerships with organizations and groups in our community

#### Integrity

- Fostering an environment of respect, fairness, honesty, and openness
- Promoting responsible stewardship of resources and public trust

#### **Accessibility**

- Strategically growing learning opportunities
- Minimizing financial, geographical, environmental, social, linguistic, and cultural barriers to learning

#### Sustainability

- Integrating practices that support and improve the health of systems that sustain life
- Providing an interdisciplinary learning environment that builds understanding of sustainable ecological, social, and economic systems, concern for environmental justice, and the competence to act on such knowledge
- Equipping and encouraging all students and staff to participate actively in building a socially diverse, just, and sustainable society, while cultivating connections to local, regional, and global communities

Lane Community College is committed to providing a working and learning environment that is free from discrimination, harassment and retaliation. Lane is committed to equal opportunity in education and employment, affirmative action, diversity, and compliance with the Americans with Disabilities Act and VEVRAA. The college prohibits discrimination in admissions, employment, recruitment and access to college programs, activities and services on the basis of race, color, national origin, sex, marital status, familial relationship, sexual orientation, pregnancy, age, disability, religion, expunged juvenile record, or veterans' status, and all other protected categories as defined by federal or state law. The college intends to comply with all statutes that prohibit discrimination in education, including Title VI and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disabilities Act of 1990 and the Americans with Disabilities Amendments Act of 2008. The College also intends full compliance with the Title IX sexual harassment prevention requirements. The college shall take timely actions to prevent, correct, and if necessary, discipline behavior that violates harassment and discrimination guidelines. This commitment is made by the college in accordance with federal, state, and local laws and regulations, as well as in alignment with college policies and procedures. Inquiries may be directed to the Chief Human Resource Officer, Lane Community College, 4000 East 30th Avenue, Eugene, Oregon 97405-0640, 541.463.5585. Inquiries regarding Title IX may be directed to Terrie Minner, Interim Associate Dean for Accessibility and Support, 541.463.3010, or to the Title IX deputies Carl Yeh, Director of Student Standards, 541.463.5787, or to Dennis Carr, Chief Human Resource Officer, 541.463.5585. Inquiries regarding Section 504 may be directed to Dennis Carr, Chief Human Resource Officer and Section 504 Coordinator, Building 3, Room 114, 541.463.5585.

#### **Core Themes**

Lane's core themes represent the essential elements of out comprehensive mission. In accordance with our accrediting body, the Northwest Commission on Colleges and Universities, we have established objectives and indicators of achievement for each core theme to evaluate accomplishment of core theme objectives, and ultimately, our mission.

# Core Theme 1: Responsive Community Engagement

As an engaged member of our community, Lane's programs, services, and activities serve the community's needs.

- Objective 1: Lane offers comprehensive programs that support individual and community needs
- Objective 2: Lane serves the intellectual and social needs of the community through non-academic programs and services

# Core Theme 2: Accessible and Equitable Learning Opportunities

Lane's policies, procedures, programs, and services facilitate open, fair, and just educational experiences.

Objective 1: Lane minimizes barriers and maximizes opportunities for diverse student populations

# Core Theme 3: Quality Educational Environment

Lane's quality educational environment embraces academic and instructional integrity, relevancy, rigor, innovation, and transparency.

- Objective 1: Lane employs high-impact practices
- Objective 2: Lane faculty and staff regularly engage in professional development
- Objective 3: Lane's curricula are designed with intention to support discipline-level/ program-level, and college-level outcomes

# Core Theme 4: Individual Student Achievement

Lane's students advance on their academic paths and reach their educational goals.

- Objective 1: Students progress toward their educational objectives
- Objective 2: Students complete their educational goals

# **Strategic Directions**

Lane Community College's 2016-2021 Strategic Plan provides a five-year framework for achieving objectives in support of our core themes of responsive community engagement, accessible and equitable learning opportunities, quality educational environment, and individual student achievement. Our 2016-2021 strategic plan builds upon our existing work around student success and institutional effectiveness, focusing on five interrelated strategic directions designed to advance this work in response to present and foreseeable needs:

- Commitment to Student Learning and Success
- A Culture of Teaching, Learning, and Innovation
- · Access, Equity, and Inclusion through Social Justice
- Strengthened Community
- Financial and Environmental Stewardship

Lane Community College está comprometido a proporcionar un ambiente de trabajo y aprendizaje que sea libre de discriminación, acoso y represalias. Lane está comprometido a la igualdad de oportunidades en la educación y el empleo, la acción afirmativa, diversidad, y cumplimiento con la Ley de Estadounidenses con Discapacidades y VEVRAA. El Colegio prohíbe la discriminación en la admisión, empleo, reclutamiento y acceso a programas del colegio, actividades y servicios en base a la raza, color, origen nacional, sexo, estado civil, relación familiar, orientación sexual, embarazo, edad, discapacidad, religión, antecedentes juveniles sellados, o condición de veterano, y cualquier otra categoría protegida definida por la ley federal o estatal. El Colegio procura cumplir con todos los estatutos que prohíben la discriminación en la educación, incluyendo el Título VI y Título VII de la Ley de Derechos Civiles de 1964, Título IX de las Enmiendas de Educación de 1972, Sección 504 de la Ley de Rehabilitación de 1973, la Ley de Discriminación por Edad de 1975, la Ley de Estadounidenses con Discapacidades de 1990 y la Ley de Enmiendas de Estadounidenses con Discapacidades de 2008. El Colegio también procura un cumplimiento total de los requisitos del Título IX de prevención de acoso sexual. El Colegio tomará medidas oportunas para prevenir, corregir, y si es necesario, disciplinar comportamientos que estén en violación de las pautas de acoso y discriminación. Este compromiso lo hace el Colegio de acuerdo a las leyes y regulaciones federales, estatales, y locales, y conforme a las políticas y procedimientos del Colegio. Preguntas pueden dirigirse al primer oficial de recursos humanos, Lane Community College, 4000 East 30th Avenue, Eugene, Oregon 97405-0640, 541.463.5585. Preguntas sobre el Título IX pueden ser dirigidas a Terrie Minner, Decano Interino Asociado para la Accesibilidad y Apoyo de Servicios, 541.463.3010, o a Carl Yeh, Director de Normas Estudiantiles, 541.463.5787, o a Dennis Carr, primer oficial de recursos humanos, 541.463.5585. Preguntas sobre la Sección 504 pueden ser dirigidas a Dennis Carr, primer oficial de recursos humanos y coordinador de la Sección 504, Edificio 3, Salón 114, 541.463.5585.

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