

## Overview of Academic Programs

Lane Community College is a comprehensive community college offering career and 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 Center 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 and technical programs. Evening courses are listed in *Aspire Magazine* and on Lane's website at *lanec.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 and Technical Programs

Career and Technical Programs lead to certificates and associate of applied science degrees. Many classes required to complete two-year programs can be transferred to four-year colleges. Others do not transfer.

The notations next to each program indicate the following:

AAS—Two-year Associate of Applied Science Degree Program

1-yr cert—One-year Certificate of Completion Program

2-yr cert—Two-year Certificate of Completion Program

CPC—Career Pathway Certificate of Completion

#### Accounting (AAS)

Accounting Clerk (CPC)

Bookkeeper (CPC)

Payroll Clerk (CPC)

#### Administrative Assistant (AAS)

Legal Office Skills (less than 1-yr cert)

Office Software Specialist (CPC)

Small Business Ownership (CPC)

#### Auto Body and Fender Technology (AAS, 2-yr cert)

Auto Collision Option (AAS)

Auto Paint Option (AAS)

#### Automotive Technology (AAS and 2-yr cert)

#### Aviation Maintenance Technician (AAS, 2-yr cert)

#### Business Assistant (1-yr cert)

#### Computer Network Operations (AAS)

Network Security (CPC)

#### Computer Programming (AAS)

Geographic Information Science (CPC)

Web Programming (CPC)

#### Computer Simulation and Game Development (AAS)

Computer Game Programming in C++ (less than 1-yr cert)

#### Computer Specialist (1-yr cert)

#### Computer User Support (AAS)

#### Construction Technology (AAS, 1-yr cert)

#### Culinary Arts and Food Service Management (AAS)

Baking and Pastry (CPC)

Food Preparation and Production (CPC)

#### Dental Assisting (1-yr cert)

#### Dental Hygiene (AAS)

#### Diesel Technology (AAS, 2-yr cert)

Lift Truck/Material Handling Equipment Technician Option (AAS)

#### Drafting (AAS, 1-yr cert)

#### Early Childhood Education (AAS and 1-yr cert)

#### Electrician Apprenticeship Technologies (AAS, cert)

Limited Electrician Apprenticeship Technologies (cert)

#### Electronic Technology (AAS)

#### Emergency Medical Technician (1-yr cert)

#### Emergency Medical Technology - Paramedic (AAS)

#### Employment Skills Training (less than 1-yr cert)

#### Energy Management Technician (AAS)

Renewable Energy Technician Option (AAS)

Resource Conservation Option (AAS)

#### Exercise and Movement Science (AAS)

Fitness Technician (1-yr cert)

Fitness Technology (2yr cert)

#### Fabrication/Welding Technology (AAS, 1-yr cert)

Welding Processes (1-yr cert)

#### Flight Technology (AAS)

#### Graphic Design (AAS, 2-yr cert)

#### Health Records Technology (1-yr cert)

Medical Coding (CPC)

Medical Transcriptionist (CPC)

#### Hospitality Management (AAS)

Food Service Management (1-yr cert)

Restaurant Ownership (CPC)

#### Human Services (AAS)

Adult Development and Aging (CPC)

#### Human Services: Criminal Justice (AAS)

#### Human Services: Juvenile Corrections (1-yr cert)

#### Legal Assistant and Paralegal Studies (AAS, 1-yr cert)

(Collaboration with Umpqua Community College)

#### Manufacturing Technology (AAS, 2-yr cert)

Computer Numerical Control Technician Option (AAS)

#### Massage Therapy (Certificate of Completion)

#### Medical Office Assistant (1-yr cert)

#### Multimedia Design (AAS, 1-yr cert)

#### Nursing (AAS)

#### Occupational Skills Training (1-yr cert)

#### Physical Therapist Assistant (AAS) - pending accreditation candidacy

#### Professional Truck Driver (CPC)

#### Respiratory Care (AAS)

#### Retail Management (AAS, 1-yr cert)

Retail Management (CPC)

#### Speech-Language Pathology Assistant (AAS, 1-yr cert)

(collaboration with Chemeketa Community College)

#### Water Conservation Technician (AAS)

### 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 page 51.

#### Associate of Arts Oregon Transfer Degree (AAOT)

- Designed for students who want flexibility to transfer to any school in the Oregon University System (OUS).
- 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 OUS institutions

#### Associate of Science Oregon Transfer — Business Degree (ASOT-BUS)

- Designed for students who want flexibility to transfer to any

school in the Oregon University System 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
- Does not guarantee admission to OUS institutions

#### **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
- 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
- Contact Counseling for information on Direct Transfer

## **Curriculum for High School Students**

Lane's High School Connections programs help high school students make the transition from high school to college. These programs provide an opportunity for students to simultaneously earn both college and high school credits. College Now enables high school students to earn college credits for articulated classes taken at their high schools. The Regional Technical Education Consortium (RTEC) provides career and technical classes for dual credit.

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 length of course. Courses are taught in many subject areas including English, French, Spanish, art, social science, math, business, culinary, early childhood education, graphic design, technical drafting, fabrication/welding, and others. College Now credits are free for 2009-10 academic year.

RTEC provides rigorous and relevant career and technical training according to industry standards. These classes fill the gaps where high schools can no longer offer these courses. RTEC also provides accelerated career technical courses for high schools that need advanced opportunities for their students. Courses are taught at Lane, at the high schools or on line in areas such as apprenticeship, automotive technology, aviation science, drafting, health occupations and computer programming.

Additionally, the High School Connections office works with local school districts who want to sponsor high school students in academic transfer classes through the Expanded Options Program or independently. At times, school districts contract for a college level career technical class to be provided at the high school site.

For more information about High School Connections programs, visit the website at [lanec.edu/hconnections](http://lanec.edu/hconnections) or call (541) 463-5521.

## **Cooperative Education**

Cooperative education (Co-op) offers career/technical and college transfer credit for practical work experience related to a student's educational and career goals. Co-op education 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. In addition, the Cooperative Education Division offers programs such as the Occupational Skills Certificate where students work with staff to create an individualized course of study to meet a specialized career path.

#### **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 represents a three-way working 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 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 and seminar time
3. complete agreement form
4. register for classes

**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 can be earned

at Lane. 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 and technical programs require co-op credits. Unless prior approval is received from the Cooperative Education Division chair, 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, drop by the Co-op office, Building 19, Room 231 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	Coordinator
Accounting.....	Jamie Kelsch
Administrative Assistant.....	Jamie Kelsch
Aerobics.....	Sue Thompson
American Indian Languages.....	Tamara Pinkas
Anthropology.....	John del Nero
Art & Applied Design.....	Thomas Rubick
Athletic Training.....	Sue Thompson, Lyndell Wilken
Athletics.....	Sue Thompson
Auto Body & Fender/Paint & Collision.....	Marv Clemons
Automotive.....	Marv Clemons
Aviation Maintenance.....	Marv Clemons
Biology.....	Larry Scott
Business Management.....	Jamie Kelsch
Career Exploration.....	Jaime Kelsch
Chemistry.....	Larry Scott
Coaching.....	Sue Thompson
Community Health.....	Lyndell Wilken
Computer Applications Specialist.....	Larry Scott
Computer Network Operations.....	Larry Scott
Computer Programming.....	Larry Scott
Computer User Support.....	Larry Scott
Construction.....	Marv Clemons
Cottage Grove Center.....	Jamie Kelsch
Criminal Justice.....	John del Nero
Culinary Arts.....	Joe McCully
Data Processing.....	Larry Scott
Dental Assisting.....	Leslie Greer
Dental Hygiene.....	Leslie Greer
Diesel.....	Marv Clemons
Disney World.....	Jamie Kelsch
Drafting.....	Tamara Pinkas
Early Childhood Education.....	Julianne Stermer
Education (K-14).....	Merrill Watrous
Electronics Technology.....	Marv Clemons
Emergency Medical Technician.....	Tom Brokaw
Energy Management.....	Larry Scott
Engineering (Transfer).....	Larry Scott
English/Writing.....	Tamara Pinkas
Environmental Studies.....	Larry Scott
Ethnic Studies.....	Beverly Farfan
Fitness Management.....	Sue Thompson
Fitness.....	Sue Thompson
Flight Technology.....	Marv Clemons
Florence.....	Marv Clemons
French.....	Tamara Pinkas
Geography.....	John del Nero
Geology.....	Larry Scott
Graphic Design.....	Thomas Rubick
Health and Physical Education.....	Sue Thompson

Health Occupations.....	Chuck Fike
Health Records.....	Marti Pittman
History.....	John del Nero
Hospitality Management.....	Joe McCully
Human Services.....	Garry Oldham
International Work Experience.....	Don Terwilliger
Journalism.....	Dorothy Wearne
Landscape.....	Chuck Fike
Legal Assistant.....	Jamie Kelsch
Manufacturing Technology.....	Marv Clemons
Mathematics.....	Larry Scott
Medical Office Assistant.....	Marti Pittman
Multimedia.....	Teresa Hughes
Music.....	Teresa Hughes
Nursing.....	Jeanne Harclerod
Occupational Skills.....	Chuck Fike
Performing Arts.....	Teresa Hughes
Physical Education.....	Sue Thompson
Physical Therapist Assistant.....	Beth Thorpe
Physics.....	Larry Scott
Political Science.....	Steve Candee
Pre-Law.....	Steve Candee
Programming.....	Larry Scott
Psychology.....	Beverly Farfan
Real Estate.....	Jamie Kelsch
Recreation.....	Sue Thompson, Lyndell Wilken
Rehabilitation Therapies.....	Shannon Gaul
Retail Management.....	Jamie Kelsch
Respiratory Therapy.....	Norma Driscoll
Sales and Marketing.....	Jamie Kelsch
Science.....	Larry Scott
Service Learning.....	Beverly Farfan
Simulation and Game Development.....	Larry Scott
Sociology.....	Beverly Farfan
Spanish.....	Tamara Pinkas
Speech.....	Tamara Pinkas
Teacher Education Preparation.....	Merrill Watrous
Water Conservation Technician.....	Larry Scott
Welding.....	Marv Clemons
Wellness.....	Sue Thompson

## Distance Learning

Distance learning refers to instruction that is delivered through technology to students at a distance from their instructor. Most courses offered through distance learning meet Associate of Arts Oregon Transfer (AAOT) degree requirements. The AAOT degree can now be earned through distance learning courses. An annual schedule of course offerings is available from the Distance Learning Department and online at [lanec.edu/distance/annual.htm](http://lanec.edu/distance/annual.htm).

**Online Courses** Online courses are complete courses that include lectures, notes and assignments which are available to students through their office or home computers. Interaction with the instructor and other students is provided through the use of discussion forums and email. All coursework is delivered online via the Internet. Some online courses have on campus labs or exams, or require viewing video programs. **Some online courses have a \$40 fee.**

**Telecourses** Telecourses are college credit courses developed by educators and media specialists for television viewing. They include weekly video telelessons, use of the internet, required written and reading assignments, and periodic examinations. Course instructors are available for assistance by phone, in person or via e-mail. Students can view telecourses at home on

cable TV, in the Lane Library, and at LCC at Cottage Grove and Florence. Some courses can be downloaded, streamed, or rented on DVD or VHS. Exams are taken on campus.

**All telecourses have a \$25 fee.**

Between 14 and 17 telecourses are offered fall, winter and spring terms and approximately 6-8 courses summer term. Telecourses are available in a wide variety of subject areas such as history, career planning, medical terminology, science, psychology, and sociology.

**Live Interactive Courses** Lane offers live interactive courses as a mode of distance learning course delivery. Students enroll in these courses and participate either by viewing the class on local cable channels in their homes, or attending on campus or at an off campus location.

**IP Videoconferencing Services** Videoconferencing services are available for both receiving and originating. Lane can accommodate between 1 and 40 participants. The college's codec equipment is compatible with most standards.

**Teleconferencing** The college serves as a receive site for national satellite videoconferences. Both C and KU Band satellites can be accessed. This service is available to respond to requests from on- and off-campus businesses, agencies and community groups.

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

For more information about telecourses, online, live interactive courses, teleconferencing, or IP videoconferencing, call Distance Learning, (541) 463-5893.

## Human Development Classes

The teaching component of Counseling is called the Human Development Department.

The Human Development Department offers classes which help students with entering college, career and life planning, decision making, maintaining productive personal and work relationships, understanding families and children, parenting skills, and coping with stress and depression. 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.

## International Learning Opportunities

### International Cooperative Education

The International Cooperative Education program, in partnership with IE3 Global Internships, provides international work opportunities where students earn graded 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 international skills that are invaluable in today's global society. For more information, look at <http://ie3global.ous.edu> or contact Don Terwilliger, Cooperative Education Division, Building 19/ Room 231B, (541) 463-5883.

### Courses with International Focus

Courses with an international focus are available in many subjects including visual arts, music, literature, language, anthropology, geography, and history. Currently, these include:

ANTH 103 Cultural Anthropology	GEOG 216 Geography Pacific Asia
ANTH 211 Selected Topics in Ethnology: Folk Religions	HE 255 Global Health
ANTH 227 Prehistory of Mexico	HST 104, 105, 106 World History
ANTH 228 Cultures of Mexico	HST 195 History of Vietnam War
ANTH 229 Chicano Studies	HST 261 Latin American History
ART 207, 208, 209 History of Asian Art	MUS 108 Music in World Culture
ART 217 Islamic Art	PS 205 International Relations
D 251 Looking at Dance	PS 211 Peace and Conflict Studies: Global
ECON 204 Introduction to International Economics	REL 201 Religions of India
ENG 107, 108, 109 Survey of World Literature	REL 202 Religions of China and Japan
ENG 213 Survey of Asian Literature	REL 203 Religions of the Middle East
ENG 215 Latino/a Literature	REL 243 Nature, Religion and Ecology
ENVS 182 Atmospheric Environment and Population	SOC 216 Global Social Movements
FR 101, 102, 103, 150, 151 First Year French	SPAN 101, 102, 103 First Year Spanish
FR 111, 112, 113, 211, 212, 213 Conversational French	SPAN 201, 202, 203 Second Year Spanish
FR 201, 202, 203 Second Year French	SPAN 211, 212, 213 Conversational Spanish, Intermediate
GEOG 103 Cultural Geography	SP 115 Introduction to Intercultural Communication
GEOG 201 World Regional Geography	
GEOG 214 Mexico and Central America	

For more information, see the course descriptions in this catalog, or call the appropriate academic department.

## Learning Communities

### What are Learning Communities?

Learning Communities are a great way to learn! They help you stay engaged and motivated while you pursue your college and life goals.

Learning Communities classes can be linked in several ways:

- Around a **goal**, such as writing a successful scholarship application, successfully making a life transition, or succeeding in college;
- Around a **question**, such as how to approach the environment in a sustainable way;
- Or around a **theme**, such as African American and Native American Experiences.

Students enroll in two or more classes together, creating a common cohort or "community." Faculty also work together, often attending the different classes too. Your learning

experiences are enhanced by this sense of community and common understanding across disciplines. National research shows that students who take learning communities succeed at higher rates than students who take stand-alone courses. And learning communities classes fulfill the same degree and certificate requirements as stand-alones!

The actual structure of Lane's learning communities vary among classes and instructors. Some learning communities have very closely integrated curricula, so that the classes seem to "talk" to one another throughout the term. Other learning communities are more loosely organized, and the "community feel" comes from getting to know classmates well and investigating a theme across disciplines.

For more information on how to sign up for a learning community at Lane, go to our website: [lanecc.edu/lc](http://lanecc.edu/lc) or call Anne McGrail, Learning Communities Coordinator, at (541) 463-3317.

## 2009-2010 Learning Communities

### Lane's First Year Experience: Fast Lane to Success

CG 100	College Success
EL 115	Effective Learning with either Writing 115 or Writing 121.
WR 115	Introduction to College Writing
WR 121	English Composition: Exposition and Introduction to Argument

### Bio Bonds: Building Blocks for Your Body (offered each term)

CH 112	Chemistry for Health Occupations
BI 112	Cell Biology for Health Occupations

### Ecotrails: Stewardship and the Sacred Landscape

BI 103G	General Biology: Global Ecology
WR 122	English Composition: Style and Argument

### Food For Thought (fall, spring)

MTH 025	Basic Math Applications
CA 170	Cooking Theories and Skill Development (fall) and/or
WR 115	Introduction to College Writing (spring)
CA 186	Restaurant and Kitchen Lab 2

### Native Circles

CG 101	Native Circles: It's Your Life
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### Women in Transition: First Year Experience (offered each term)

CG 140T	Career and Life Planning
CG 220	Life Transitions
Recommended but not required:	
BT030	Computer ABCs for Women in Transitions
CG100T	College Success: WIT
CG207	Life Transitions 2
EL115T	Effective Learning: Women in Transition
MTH010A	Whole Numbers, Fractions and Decimals
MTH020	Math Renewal
PE183U	Strength Training for Women
WR 115T	Introduction to College Writing: Transitions
WR 121T	Composition: Transitions

### From Brain to Brawn

PE 100	Fitness Education
HE 275	Lifetime Health and Fitness

### Movement, Image, Text

WR 122	Composition: Style and Argument
Art 231	Intermediate Drawing
D 172	Dancing the Fluid Body

### Show Me the Money (winter)

WR 105	Writing for Scholarships
CG 105	Money for College

### Fat Cats & Underdogs: Work, Class, and the American Dream

ENG 257	American Working Class in Fiction and Non-Fiction
WR 123	Composition: Research

### Petal, Pen, Peck and Paw: Investigations of Place

WR 123	Composition: Research
BI 103G	General Biology-Field Biology

### Reconnecting with Nature:

#### Science, Spirituality and Political Activism

REL 243	Nature, Religion and Ecology
PS 297	Environmental Politics
BI 103G	General Biology-Global Ecology

See the online class schedules or *Aspire Magazine* for additional learning community offerings. Get connected at Lane!

## Service Learning

Serve meals at community dinners, write a newsletter for a nonprofit agency, teach poetry with at-risk youth or harvest food in organic gardens—all of these activities are examples of service learning, an innovative approach to learning that encourages students to make connections between college and community and between self and other.

Service learning at Lane is community-based learning that combines classroom instruction with community service to encourage student success and civic awareness. Classes provide structured time for students to reflect on service and learning experiences through a mix of writing, reading, speaking, listening, and creating in small and large groups. Based on a reciprocal relationship in which the service reinforces the learning and the learning strengthens the service, service learning provides students with opportunities to use newly acquired skills and knowledge in real-life situations. Faculty in different subject areas incorporate service learning activities as part of the course requirements. Individual service-learning internships also are available. For more information, call Service Learning Coordinator, Beverly Farfan, (541) 463-5395, or [farfanb@lanecc.edu](mailto:farfanb@lanecc.edu).

COOP 280SL	Cooperative Education: Service Learning Instructor: Beverly Farfan
HE 255	Global Health Instructor: Susie Cousar
HS 201	Introduction to Human Services Instructors: Garry Oldham and Toni Fudge
HS 228	HIV/AIDS and Other Infectious Diseases Instructor: Toni Fudge
HRTM 290	Hospitality Leadership Instructor: Joe McCully
SP 115	Introduction to Intercultural Communication Instructor: Karen Krumrey
SP 219	Small Group Communication Instructor: Karen Krumrey
SOC 108A	Selected Topics: Women's Bodies Instructor: Patsy Raney
SOC 207	Women and Work Instructor: Patsy Raney
SUST 101	Introduction to Sustainability Instructor: Tammie Stark
WATR 101	Introduction to Water Resources Instructor: Tammie Stark
WR 227	Technical Writing Instructor: Amy Beasley

English as a second Language: Service Learning (Adult Basic and Secondary Education Program)