

Cooperative Education (Co-op) Co-op provides students with on-the-job learning opportunities in a business, industry, government, or community organization. Students will have the opportunity to connect theory with practice, develop skills, and network with professionals and employers while earning college credit. Twenty to 26 credits of Co-op are required to earn a certificate of completion. Contact Chuck Fike, Occupational Skills Co-op Coordinator, Bldg. 19, Rm. 231C, (541) 463-5078.

Program Lead Chuck Fike, (541) 463-5078

Program Counselor Debra Ganser (541) 463-5034

	Fall	
OS 280 Co-op Ed: Occupational Skills ^{D,G}	6	
Occupational specific course work ^{1,D}	6	
Choice of:	3-4	
WR115 Introduction to College Writing ^{G,W}		
WR115W Introduction to College Writing: Workplace Emphasis ^{G,W}		
Total Credits	15-16	
	Winter	
MTH 025 Basic Mathematics Applications M or higher	3	
OS 280 Co-op Ed: Occupational Skills ^G	6	
Occupational specific course work ^{1,D}	6	
Total Credits	15	
	Spring	
OS 280 Co-op Ed: Occupational Skills ^{D,G}	9	
CG 203 Human Relations at Work ^H	3	
Occupational specific course work ^{1,D}	3	
Total Credits	15	

1 Program occupational specific course work must be graded unless course is offered as P/NP only.

Respiratory Care

Offered by the Family and Health Careers Department

Two-Year Associate of Applied Science Degree

See the Respiratory Care webpages for additional information.

Purpose To prepare graduates to pass the National Board for Respiratory Care (NBRC) Advanced Practitioner Examination and to be come competent Registered Respiratory Therapists.

Learning Outcomes The graduate will:

- provide treatment, management, control, and care of patients with deficiencies and abnormalities associated with respiration.
- provide patients with therapeutic use of medical gases, air and oxygen administering apparatus.
- appropriately use environmental control systems, humidification and aerosols, medications, ventilatory control.
- supervise postural drainage, chest physiotherapy and breathing exercises.
- perform cardiopulmonary resuscitation, and measures and maintenance of natural, artificial, and mechanical airways.
- use appropriate library and information resources to research professional issues and support lifelong learning.

- formulate questions that can be addressed with data and collect, organize and present relevant data to answer them.

Employment Trends The employment projection for 2004-2014 is estimated to be at about the statewide average. This occupation is expected to grow somewhat faster than the statewide average. Total job openings are projected to be somewhat higher than the statewide average. Reasonable employment opportunities exist for trained workers largely due to the need to fill replacement job openings.

Wages Oregon statewide average \$23.27 hourly and \$48,406 annually. Lane County average \$22.38 hourly and \$46,568 annually.

Costs in Addition to Tuition (estimates)*

Student Activity Fees	\$300
Lab Fees (includes all courses in program)	\$164
Uniforms	\$70
Equipment	\$75
Textbooks	\$700
Technology Fee	\$291
Parking Fee/Bus Pass (7 terms)	\$228
Personal Health Insurance – required	(varies)
Criminal background check – required	(fee TBA)

In addition, respiratory care students pay a differential tuition fee. The fee is established annually and is noted in the online class schedule quarterly by course. The annual differential fees are estimated at:

First Year (3 terms)	\$636
Second Year (4 terms)	\$2,333

* Subject to change without notice.

A physical examination and immunizations are required for the program. These requirements should be considered in determining cost of the program. Student health insurance is required in the program. This can be obtained through the college or other health insurance providers. Cost related to transportation, childcare, post-graduate credentialing and State Licensure are not included in this estimate. Costs related to completion of pre-requisites are not included, but could add up to approximately \$1300 if completed at Lane Community College. Licensure and post-graduate credentialing can cost up to \$730 depending on the level of credentialing and State Licensure Fees. For further information related to licensure process or fees in Oregon, contact: Oregon Health Division, Respiratory Therapist Licensing Board (503) 378-8667.

Program Accreditation The Commission on Accreditation of Allied Health Education Programs, a specialized accrediting board recognized by the Council for Higher Education Accreditation, in collaboration with the Committee on Accreditation for Respiratory Care.

Licensing or Other Certification Exams Required National credentialing, National Board for Respiratory Therapy, (913) 599-4200, www.nbrc.org. Oregon State license, Oregon Health Division, (503) 378-8667, www.hlo.state.or.us.

Standard footnotes:

* Prerequisite required

A Meets Arts/Letters requirement

B Must be passed with grade of "B" or better to use as a prerequisite

D Degree or certificate requirement; must be passed with grade of "C-" or better

G Must be taken for a grade, not P/NP; major requirement

H Meets Human Relations/Social Science requirement

M Meets Mathematics requirement

P Meets PE/Health requirement

R Required for AAS degree—see page 48

S Meets Science/Math/Computer Science requirement

W Meets Written Communications or English Composition requirement

Application requirements

- Math 52M,R or Math 70M,R or higher (graded C- or better),
- Chemistry 112S and Biology 112S or 100-level college chemistry ^S (5credits or more) course or higher (pass/no pass option okay – equal to C- or better)
- High School diploma or GED

Admission Deadline Applications will be screened on a first-come, first-qualified basis until the program is filled or mid-August.

Criteria Used for Admission Lane’s Reading Placement test (DTLS), GPA, and submission of transcripts from high school and college work.

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Admission Information Applications are available online at www.lanecc.edu/fhc.

Cooperative Education (Co-op) Respiratory care allows students to earn college credit for participating in job-related activities in respiratory care professional settings under direct supervision. While at Co-op sites, students develop skills, connect theory and practice, expand career knowledge, and make contacts for potential future employment in respiratory care. Contact Roger Hecht, Respiratory Care Co-op Coordinator, Bldg. 4, Rm. 132, (541) 463-5624.

Program Advisor Deb Hupcey, Bldg. 1, Rm. 103, (541) 463-5635, hupceyd@lanecc.edu,

Program Counselor Jessica Alvarado, Bldg. 4, Rm. 262A, (541) 463-5802, alvaradoj@lanecc.edu

First Day Enrollment requirements

- Eligibility for CNA certification
- CPR Certification for Health Care Professionals
- BI 231 Human Anatomy and Physiology 1
- HO 100 Medical Terminology 1,
- Evidence of a physical examination (within the previous nine months) must be submitted prior to enrollment in the program.
- Criminal background check as required by clinical facilities.

First Year

BI 232 Human Anatomy and Physiology 2 ^{*,D,G,S}	4
RT 112 Respiratory Care Science ^{*,D,G}	1
RT 114 Fundamentals of Respiratory Care ^{*,D,G}	1
RT 116 Basic Respiratory Assessment ^{*,D,G}	1
WR 121 English Composition: Exposition and Introduction to Argument ^{*,W}	4
Human Relations requirement ^R	3
The following are preferred:	
CG 203 Human Relations at Work	
CG 205 Assertive Behavior	
CG 191 Issues of Cultural Diversity	
Total Credits	14

Fall

BI 233 Human Anatomy and Physiology 3 ^{*,D,G,S}	4
RT 126 Respiratory Care Case Review - Part 1 ^{*,D,G}	1
RT 127 Respiratory Care Diseases and Medications ^{*,D,G}	5
RT 146 Introduction to Clinical Respiratory Care [*]	3
Choice of:	4
SP 111 Fundamentals of Public Speaking ^A	
SP 115 Introduction to Intercultural Communication ^A	
SP 218 Interpersonal Communication ^A	
SP 220 Communication, Gender and Culture ^A	
Total Credits	17

Winter

BI 234 Microbiology ^{*,D,G,S}	4
RT 136 Respiratory Care Case Review - Part 2 ^{*,D,G}	1
RT 141 Principles of Respiratory Care Lab ^{*,D,G}	1
RT 144 Principles of Respiratory Care ^{*,D,G}	3
RT 236 Clinical Practice 1 [*]	6
Total Credits	15

Spring

RT 110 Introduction to Mechanical Ventilation ^{*,D,G}	3
RT 216 Respiratory Care Case Review - Part 3 ^{*,D,G}	3
RT 248 Clinical Practice 2 [*]	6
Total Credits	12

Summer

RT 241 Principles of Mechanical Ventilation Lab ^{*,D,G}	1
RT 244 Principles of Mechanical Ventilation ^{*,D,G}	3
RT 258 Clinical Practice 3 [*]	8
RT 262 Neonatal/Pediatric Respiratory Care ^{*,D,G}	3
Total Credits	15

Fall

RT 251 Pulmonary Diagnostics and Monitoring Lab ^{*,D,G} ...	1
RT 254 Pulmonary Diagnostics and Monitoring ^{*,D,G}	3
RT 256 Respiratory Care Case Review - Part 4 ^{*,D,G}	1
RT 266 Emergency and Critical Care - Part 1 ^{*,D,G}	3
RT 268 Clinical Practice 4 [*]	6
Total Credits	14

Winter

HE 275 Lifetime Health and Fitness ^P	3
RT 270 Clinical Competency Assessment [*]	1
RT 274 Credentialing Topics ^{*,D,G}	2
RT 276 Emergency and Critical Care - Part 2 ^{*,D,G}	2
RT 280 Co-op Ed: Respiratory Therapy [*]	4
Total Credits	12

Spring

1 Students choosing the physical education requirement must take PE courses in at least two terms. 2 Must be accepted into Respiratory Care Program.

Optional courses each term:

- RT 148 Advanced Placement Clinical Practice
- RT 298 Independent Study
- RT 280 Co-op Ed

Retail Management

Offered by the Business Department

One-Year Certificate of Completion

Less-Than-One-Year Certificate of Completion

Purpose The Retail Management certificate represents skills identified by the retail industry, which desires to provide a program of study for their employees and for students who would like to become retail employees. The certificate builds on the Less-Than-One-Year Certificate and incorporates additional coursework in writing and business. This program is recognized by retail employers and identifies skills that lead to professional growth, hiring, and advancement opportunities. This program is a body of study that prepares the student for retail sales and management responsibilities; those who complete the program may be given preference in hiring, and/or may be eligible for promotions.

Learning Outcomes The graduate of the certificate program will:

- understand the purpose of retailing and the retail environment and the responsibilities of the retail operations function.
- understand the advantages, disadvantages, and circumstantial uses of various leadership styles.
- understand various ethical tools and the reasoning behind various ethical positions.