

## Associate Degree Nursing

### Curriculum for students entering in Fall 2007:

The most current information regarding curriculum, admission standards and prerequisites are available at <http://www.lanec.edu/fhc/nursing>.

#### Prerequisite Courses required prior to beginning of program

BI 231 Human Anatomy and Physiology 1 <sup>*,D,G,S</sup> .....	4
Note: see BI 231 course description for required prerequisites.	
BI 232 Human Anatomy and Physiology 2 <sup>*,D,G,S</sup> .....	4
FN 225 Nutrition <sup>D,G</sup> .....	4
Human Development course, choice of: .....	3-6
PSY 215 Lifespan Developmental Psychology <sup>*,D,G</sup> or (PSY 235 Human Development 1 <sup>*,D,G</sup> and PSY 236 Human Development 2 <sup>*,D,G</sup> ) or (HDFS 226 Child Development <sup>*,D,G</sup> and PSY 236 Human Development 2 <sup>*,D,G</sup> )	
MTH 095 Intermediate Algebra or higher, or competency testing <sup>*,M</sup> .....	4-5
PSY 201 General Psychology <sup>1,D,G</sup> .....	3
Choice of: .....	4
ANTH 103 Cultural Anthropology <sup>G</sup>	
HO 102 Diversity Issues in Healthcare <sup>G</sup>	
SOC 204 Introduction to Sociology <sup>G</sup>	
SOC 205 Social Stratification and Social Systems <sup>G</sup>	
SOC 206 Institutions and Social Change <sup>G</sup>	
WR 121 English Composition: Exposition and Introduction to Argument <sup>*,D,G,W</sup> .....	4
WR 122 Composition: Style and Argument <sup>*,A,D,G</sup> .....	4
Total Credits	34-38

Acceptance into the Associate Degree Nursing Program is required to register for any of the NRS classes below.

<b>First Year</b> (Preparatory term following application)	
BI 233 Human Anatomy and Physiology 3 <sup>*,D,G,S</sup> .....	4
Social Science/Human Relations requirement <sup>D,G,R</sup> .....	3-4
Social Science course <sup>D,G,R</sup> .....	4
Electives <sup>D,G</sup> .....	4
Total Credits	15-16

<b>First Year</b>	<b>Fall</b>
NRS 110A Foundations of Nursing –Health Promotion <sup>*,D,G</sup>	4
NRS 110B Foundations of Nursing –Health Promotion Clinical Lab .....	5
BI 234 Introductory Microbiology <sup>*,D,G,S</sup> .....	4
Choice of: .....	3-4
BI 101K General Biology: Introduction to Genetics <sup>D,G</sup>	
BI 102G General Biology: Genetics and Society <sup>D,G</sup>	
BI 112 Cell Biology for Health Occupations <sup>D,G</sup>	
Total Credits	16-17

#### Winter

NRS 112A Foundations of Nursing in Acute Care 1 <sup>*,D,G</sup> .....	2
NRS 112B Foundations of Nursing in Acute Care 1 Clinical Lab <sup>*</sup> .....	4
NRS 230 Clinical Pharmacology 1 <sup>*,D,G</sup> .....	3
NRS 232 Pathophysiology Processes 1 <sup>*,D,G</sup> .....	3
Choice of: .....	3-4
WR 123 Composition: Research <sup>*,A,D,G</sup>	
WR 227 Technical Writing <sup>*,A,D,G</sup>	
Total Credits	15-16

#### Spring

NRS 111A Foundations of Nursing in Chronic Illness 1 <sup>*,D,G</sup> ..	2
NRS 111B Foundations of Nursing in Chronic Illness Lab (pass/no pass) <sup>*</sup> .....	4
NRS 231 Clinical Pharmacology 2 <sup>*,D,G</sup> .....	3
NRS 233 Pathophysiology Processes 2 <sup>*,D,G</sup> .....	3
Arts and Letters, Social or Natural Science <sup>*,D,G,R</sup> .....	3
Total Credits	15

<b>Second Year</b>	<b>Fall</b>
NRS 222A Foundations of Nursing in Acute Care 2 and End-of-Life <sup>*,D,G</sup> .....	4
NRS 222B Foundations of Nursing in Acute Care 2 and End-of-Life Clinical Lab <sup>*</sup> .....	5
Arts and Letters, Social or Natural Science electives <sup>*,D,G</sup> ..	(6)
Total Credits	9-15

#### Winter

NRS 221A Foundations of Nursing in Chronic Illness 2 and End-of-Life <sup>*,D,G</sup> .....	4
NRS 221B Foundations of Nursing in Chronic Illness 2 and End-of-Life Lab <sup>*</sup> .....	5
Arts and Letters, Social or Natural Science electives <sup>*,D,G</sup> ..	(6)
Total Credits	9-15

#### Spring

NRS 224A Scope of Practice and Preceptorship <sup>*,D,G</sup> .....	4
NRS 224B Scope of Practice and Preceptorship Clinical Lab (pass/no pass) <sup>*</sup> .....	5
Arts and Letters, Social or Natural Science electives <sup>*,D,G</sup> ..	(6)
Electives as required to complete 90 credits for AAS <sup>2</sup> .....	(2)
Total Credits	9-17

- 1 Required at Lane as prerequisite to Human Development courses
- 2 Students completing minimum credits every term may need electives to complete 90 credits required for AAS. Courses completed before program preparatory term do not count toward this minimum.

## Occupational Skills

Offered by the Cooperative Education Department

### One-Year Certificate of Completion

**Purpose** To offer students the opportunity to design and pursue a career path that is not currently available as a certificate or degree program at Lane

**Learning Outcomes** The graduate will:

- gain knowledge and skills which prepare for employment in a chosen occupation.
- improve communication, human relations, and critical thinking and problem-solving abilities.
- complete occupation-specific classes and work site education/training.
- access library, computing and communications services and obtain information and data from regional, national, and international networks.
- formulate questions that can be addressed with data and collect, organize and display relevant data to answer them.
- interpret the concepts of a problem-solving task and translate them into mathematics.

**Employment Trends** Employment varies by occupation.

**Wages** Varies by occupation.

**Costs in Addition to Tuition (estimates)** Varies depending on courses taken.

**Number of New Students Admitted Annually** Applications are accepted at all times. No cap on admission at this time.

**Criteria Used for Admission** Admission is based on combination of academic background, labor market need, appropriate training site availability and demonstration of student commitment.

**Admission Information** Cooperative Education Division office, Bldg. 19, Rm. 231, (541) 463-5203

**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

	<b>Fall</b>	
OS 280 Co-op Ed: Occupational Skills <sup>D,G</sup> .....	6	
Occupational specific course work <sup>1,D</sup> .....	6	
Choice of: .....	3-4	
WR115 Introduction to College Writing <sup>G,W</sup>		
WR115W Introduction to College Writing: Workplace Emphasis <sup>G,W</sup>		
Total Credits	15-16	
	<b>Winter</b>	
MTH 025 Basic Mathematics Applications M or higher .....	3	
OS 280 Co-op Ed: Occupational Skills <sup>G</sup> .....	6	
Occupational specific course work <sup>1,D</sup> .....	6	
Total Credits	15	
	<b>Spring</b>	
OS 280 Co-op Ed: Occupational Skills <sup>D,G</sup> .....	9	
CG 203 Human Relations at Work <sup>H</sup> .....	3	
Occupational specific course work <sup>1,D</sup> .....	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](http://www.nbrc.org). Oregon State license, Oregon Health Division, (503) 378-8667, [www.hlo.state.or.us](http://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