

**Lane Community College
Associate of Applied Science in Respiratory Care
to**

**Oregon Institute of Technology
Bachelor of Science in Respiratory Care
Degree Completion Program**

**Articulation Agreement
2016-2017 Catalog**

It is agreed that students transferring from Lane Community College (LCC) with the Associate of Applied Science in Respiratory Care Degree and National Board for Respiratory Care Licensure to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Respiratory Care (RCP) Degree Completion Program will be given full credit for all selected courses listed below. This agreement is based on the evaluation of the rigor and content of the general education and technical courses at both LCC and Oregon Tech, and is subject to a yearly reevaluation by both schools for continuance. This agreement is dated August 11, 2016.

Baccalaureate students must complete a minimum of 60 credits of upper-division work before a degree will be awarded. Upper-division is defined as 300- and 400-level classes at a bachelor's degree granting institution. Baccalaureate students at Oregon Tech must complete 45 credits from Oregon Tech before a degree will be awarded.

Students are responsible for notifying the Oregon Tech Admissions and Registrar's Office when operating under an articulation agreement to ensure their credits transfer as outlined in this agreement. In order to utilize this agreement students must be attending LCC during the above catalog year. Students must enroll at Oregon Tech within three years of this approval.

LCC Respiratory Care Prerequisite Courses & Oregon Tech Equivalent Credits

Lane Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
MTH 095 Intermediate Algebra or higher	5	Developmental Course Work (unless MATH 111 or higher completed)	0
BI 231 Human Anatomy and Physiology 1	4	BIO 231 Human Anatomy & Physiology I	4
BI 232 Human Anatomy and Physiology 2	4	BIO 232 Human Anatomy & Physiology II	4
BI 233 Human Anatomy and Physiology 3	4	BIO 233 Human Anatomy & Physiology III	4
100-level or higher college chemistry course or CH 112 Chemistry for Health Occupations and BI 112 Cell Biology for Health Occupations	5 or 3 3	CHE 101 Intro to General Chemistry CHE 104 Intro to General Chemistry Lab Science elective	3 1 1
HO 100 Medical Terminology	3	BIO 200 Medical Terminology	2
WR 121 Composition: Introduction to Academic Writing	4	WRI 121 English Composition	3
TOTAL LCC PREREQUISITE CREDITS ¹	29/ 30	TOTAL OREGON TECH CREDITS	22

LCC Respiratory Care Degree Courses & Oregon Tech Equivalent Credits

Lane Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
National Board for Respiratory Care Registered Respiratory Therapist (RRT) AND:			
RT 112 Respiratory Care Science	2		
RT 114 Fundamentals of Respiratory Care	2	RCP 221 Introduction to Patient Assessment	1
RT 146 Introduction to Clinical Respiratory Care	3	RCP 223 Emergency Chest Radiographic Interpretation	2
RT 116 Basic Respiratory Assessment	2	RCP 231 Pulmonary Physiology	4
RT 127 Respiratory Care Diseases and Medications	4	RCP 235 Arterial Blood Gases	3
RT 141 Principles of Respiratory Care Lab	1	RCP 236 Cardiopulmonary Dynamics	3
RT 144 Principles of Respiratory Care	3	RCP 241 Respiratory Gas Therapeutics	4
RT 251 Pulmonary Diagnostics and Monitoring Lab	1	RCP 252 Cardiopulmonary Pharmacology	4
RT 254 Pulmonary Diagnostics and Monitoring	3	RCP 336 Hyperinflation Therapies	2
RT 126 Respiratory Care Case Review – Part 1	2	RCP 337 Pulmonary Pathology	4
RT 110 Introduction to Mechanical Ventilation	3	RCP 350 Introduction to Clinical	9
RT 136 Respiratory Care Case Review – Part 2	4	RCP 351 Mechanical Ventilation I	4
RT 241 Principles of Mechanical Ventilation Lab	1	RCP 352 Mechanical Ventilation II	4
RT 244 Principles of Mechanical Ventilation	3	RCP 386 Critical Care I	4
RT 216 Respiratory Care Case Review-Part 3	2	RCP 450 Clinical Care I	9
RT 256 Respiratory Care Case Review-Part 4	2	RCP 451 Clinical Care II	9
RT 262 Neonatal/Pediatric Respiratory Care	3	RCP 452 Clinical Care III	12
RT 270 Clinical Competency Assessment	1	RCP 460 Advanced Life Support	2
RT 274 Credentialing Topics	2		
RT 276 Emergency and Critical Care-Part 2	2		
RT 280-A, B, C, D, R Co-op Ed: Respiratory Therapy Practice/Practicum	34		

BI 234 Introduction to Microbiology	4	BIO 105 Microbiology	4
Health/PE requirement: Preferred HE 275 Lifetime Health and Fitness	3	Elective (Does not count toward degree)	--
Human Relations Requirement ¹ - CG 203 Human Relations at Work or H20 Survey of Health Professions or choose from ANTH, GEOG,PS, PSY,SOC, or WS courses listed on pg. 47-48 of the 2016-2017 LCC Catalog	3	Social Science elective	3
Arts and Letters - COMM 111 Public Speaking ¹	4	SPE 111 Public Speaking	3
Additional LCC credits²	94	Additional Oregon Tech credits	90
TOTAL LCC DEGREE CREDITS²	123/ 124	TOTAL OREGON TECH CREDITS	112

Courses not required for LCC's Associate of Applied Science Respiratory Care Degree but are required for Oregon Tech's Bachelor of Science in Respiratory Care and can be taken at LCC or Oregon Tech.

Lane Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
Arts and Letters ³	3	Humanities elective ³	3
COMM 115 Intro to Intercultural Communication	4	COM 205 Intercultural Communication	3
MTH 243 Intro to Probability and Statistics ⁴ OR MTH 111 College Algebra ⁴	4 or 5	MATH 243 Introductory Statistics ⁴ OR MATH 111 College Algebra ⁴	4
PSY 201, 202, or 203 General Psychology	4	PSY 201, 202, or 203 Psychology	3
COMM 219 Small Group Communication ⁵	4	SPE 321 Small Group and Team Communication ⁵	3
WR 122 English Composition: Argument, Style and Research	4	WRI 122 Argumentative Writing	3
WR 227 Technical Writing	4	WRI 227 Technical Report Writing	3
Additional LCC credits ²	27/28	Additional Oregon Tech credits	22
TOTAL LCC CREDITS ²	150/152	TOTAL OREGON TECH CREDITS	134

In addition to the above courses, the courses listed below are also required for the Bachelor of Science in Respiratory Care and should be completed at Oregon Tech.
All classes below are available online.

Oregon Institute of Technology Course Number & Title	Qtr. Units
BIO 336 Essentials of Pathophysiology	3
CHE 360 Clinical Pharmacology for the Health Professions	3
RCP 100 Matriculation	2
RCP 326 Disaster Preparedness	2
RCP 335 Exercise Physiology and Education	2
RCP 345 Cardiopulmonary Diagnosis and Monitoring	3
RCP 353 Mechanical Ventilation III	4
RCP 366 Clinical Simulation	3
RCP 387 Critical Care II	2
RCP 388 Advanced Neonatal Respiratory Care	4
RCP 389 International Neonatology	4
RCP 440 Case Management I	3
RCP 441 Case Management II	3
RCP 442 Case Management III	3
Humanities elective	6
Social Science elective	6
Additional Oregon Tech Credits ⁶	53
Total Accumulated Oregon Tech Degree Credits ⁷	187

1. Excess credits will transfer to Oregon Tech as general electives; these credits will **not** be used toward the Bachelor of Science in Respiratory Care.
2. To maximize useable credits toward the RCP degree, the listed courses are recommended.
3. Students can transfer 3 credit hours of Humanities electives into the program; these courses should be designated as Humanities electives by Oregon Tech. Only 3 of 9 total Humanities credits required can be studio/performance based. Choose from the following LCC prefixes: ART, ENG, HUM, MUS, PHL, REL, Second Year Foreign Language or TA.
4. LCC's prerequisite for MTH 243 is MTH 111. Course is offered online through Oregon Tech with a prerequisite of MTH 95 (LCC) or MATH 100(Oregon Tech).
5. Does not count toward 60 upper-division credit requirement.
6. Baccalaureate students must complete a minimum of 60 credits of upper-division work before a degree will be awarded. Upper-division is defined as 300- and 400- level classes at a bachelor's degree granting institution.
7. Oregon Tech's Bachelor of Science in Respiratory Care requires 187 total credits.