

Recommended Academic Plan for Respiratory Care

Associate in
Applied Science
Degree



This plan is a suggested semester-by-semester course schedule. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on ACT/SAT or ACCUPLACER exam scores, scheduling, degree requirements, and graduation requirements. **The Respiratory Care Program has additional admission criteria that must be met in order to enroll in the Respiratory courses. You may find this information in the Respiratory Care Advising Checklist found at <http://cte.stlcc.edu/respiratory-care/>**

Courses that must be taken and passed with a "C" or higher prior to Semester 1 of the Program				
Course	Credits	Prerequisite	Milestone/Notes	Completed
BIO:207 Anatomy & Physiology I	4	BIO:111 OR 1 yr. HS BIO and CHEM within 5 yrs of reg date		
BIO:208 Anatomy & Physiology II	4	BIO:207		
Subtotal	8			

Semester 1 (Fall)				
Course	Credits	Prerequisite	Milestone/Notes	Completed
RC:100 Foundations of Respiratory Care	3	Program Admission; BIO:208		
RC:110 Cardiopulmonary Anatomy & Physiology	3	Program Admission; BIO:208		
RC:120 Respiratory Care Practices I	5	Program Admission; BIO:208		
RC:130 Patient Assessment	3	Program Admission; BIO:208		
Subtotal	14			

Semester 2 (Spring)				
Course	Credits	Prerequisite	Milestone/Notes	Completed
RC: 140 Respiratory Pharmacology	2	RC:120, RC:130		
RC:150 Respiratory Care Practices II	4	RC:100, RC:110, RC:120, RC:130		
RC:160 Mechanical Ventilation I	4	RC:100, RC:110, RC:120, RC:130		
RC:170 Respiratory Care Clinical Practice I	1	RC:100, RC:110, RC:120, RC:130		
ENG:101 College Composition I	3	ENG:030 & CoRq RDG:030		
Subtotal	14			

Summer				
Course	Credits	Prerequisite	Milestone/Notes	Completed
RC:180 Cardiopulmonary Diseases	3	RC:140, RC:150, RC:160, RC:170		
RC:190 Respiratory Care Clinical Practice II	1	RC:140, RC:150, RC:160, RC:170		
Subtotal	4			

Semester 3 (Fall)				
Course	Credits	Prerequisite	Milestone/Notes	Completed
RC:200 Adult Critical Care	3	RC:180, RC:190		
RC:210 Mechanical Ventilation II	4	RC:180, RC:190		
RC:220 Neonatal and Pediatric Respiratory Care	3	RC:180, RC:190		
RC:230 Respiratory Care Clinical Practice III	2	RC:180, RC:190		
Select one of the following: ENG:102; COM:117; or COM:200	3			
Subtotal	15			

Semester 4 (Spring)				
Course	Credits	Prerequisite	Milestone/Notes	Completed
RC:240 Respiratory Care Specialties	3	RC:200, RC:210, RC:220, RC:230	Apply for graduation	
RC:250 Respiratory Care Capstone	4	RC:200, RC:210, RC:220, RC:230	Complete National Board Review Exams Apply for Graduation by published deadline	
RC:260 Respiratory Care Clinical Practice IV	2	RC:200, RC:210, RC:220, RC:230		
PSY:200 General Psychology	3			
*Social and Behavioral Sciences Elective that meets the MO State requirement	3			
Subtotal	15			

Total Hours in the Program: 70

Respiratory Care AAS Quick Checklist

Courses	Completed	Notes
GENERAL EDUCATION		
ENG:101 College Composition I		
ENG:102 College Composition II		COM:117 or COM:200 will fulfill this requirement
*MO State requirement		
PSY:200 General Psychology		
BIO:207 Anatomy and Physiology I		
BIO:208 Anatomy and Physiology II		
REQUIRED RESPIRATORY CARE COURSES		
RC:100 Foundations of Respiratory Care		
RC:110 Cardiopulmonary Anatomy & Physiology		
RC:120 Respiratory Care Practices I		
RC:130 Patient Assessment		
RC:140 Respiratory Pharmacology		
RC:150 Respiratory Care Practices II		
RC:160 Mechanical Ventilation I		
RC:170 Respiratory Care Clinical Practice I		
RC:180 Cardiopulmonary Diseases		
RC:190 Respiratory Care Clinical Practice II		
RC:200 Adult Critical Care		
RC:210 Mechanical Ventilation II		
RC:220 Neonatal and Pediatric Respiratory Care		
RC:230 Respiratory Care Clinical Practice III		
RC:240 Respiratory Care Specialties		
RC:250 Respiratory Care Capstone		
RC:260 Respiratory Care Clinical Practice IV		

*See College Catalog for classes that will fulfill the MO State requirement.

For more information regarding the program, refer to the college catalog <https://catalog.stlcc.edu/programs/respiratory-care-aas/> or the Respiratory Care website <http://cte.stlcc.edu/respiratory-care/>

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