

RESPIRATORY CARE, ASSOCIATE IN APPLIED SCIENCE

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully complete a civics examination. Information on who is eligible for a waiver can be found on our website: <https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>.

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2021, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

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 Placement 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.** Contact an advisor or the Program Coordinator for specific information.

Additional information is available at <https://www.stlcc.edu/programs-academics/pathways/health-sciences/respiratory-care/index.aspx> (<https://www.stlcc.edu/programs-academics/pathways/health-sciences/respiratory-care/>)

Prerequisites to Apply to the Respiratory Care Program:

- English and Reading proficiency
- Math proficiency: students must either place into MTH 160/161/180 **OR** complete MTH 140 or higher with a "C" or higher within 5 years
- Chemistry: students must have completed two semesters of high school chemistry with lab **OR** one semester of college chemistry with lab (STLCC CHEM 101 or higher) with "C" grade or higher within 5 years
- Anatomy & Physiology I (STLCC BIO 207) completed with a "C" or higher within 5 years
- Cumulative GPA of 2.5 or higher

Courses to be Completed Prior to Semester 1

Code	Title	Credit Hours
BIO 207	Anatomy and Physiology I (MOTR LIFS 150LAP)	4
BIO 208	Anatomy and Physiology II	4
Total Credit Hours		8

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
RC 100	Foundations of Respiratory Care	3	Reading Proficiency.	
RC 110	Cardiopulmonary Anatomy and Physiology	3	BIO 208 with a "C" or higher, Program Admission, and Reading Proficiency.	
RC 120	Respiratory Care Practices I	5	BIO 208 with a "C" or higher, Program Admission, and Reading Proficiency.	
RC 130	Patient Assessment	3	BIO 208 with a "C" or higher, Program Admission, and Reading Proficiency.	
	Credit Hours	14		
Spring				
RC 140	Respiratory Pharmacology	2	RC 120 and RC 130 with grades of "C" or higher, and Reading Proficiency.	
RC 150	Respiratory Care Practices II	4	RC 100, RC 110, RC 120, RC 130 all with grades of "C" or higher, and Reading Proficiency.	
RC 160	Mechanical Ventilation I	4	RC 100, RC 110, RC 120, RC 130 all with grades of "C" or higher, and Reading Proficiency.	
RC 170	Respiratory Care Clinical Practice I	1	RC 100, RC 110, RC 120, RC 130 all with grades of "C" or higher, and Reading Proficiency.	

ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079.	
	Credit Hours	14		
Summer				
RC 180	Cardiopulmonary Diseases	3	RC 140, RC 150, RC 160, RC 170 all with grades of "C" or higher, and Reading Proficiency.	
RC 190	Respiratory Care Clinical Practice II	1	RC 140, RC 150, RC 160, RC 170 all with grades of "C" or higher, and Reading Proficiency.	
	Credit Hours	4		
Second Year				
Fall				
RC 200	Adult Critical Care	3	RC 180 and RC 190 with grades of "C" or higher, and Reading Proficiency.	
RC 210	Mechanical Ventilation II	4	RC 180 and RC 190 with grades of "C" or higher, and Reading Proficiency.	
RC 220	Neonatal and Pediatric Respiratory Care	3	RC 180 and RC 190 with grades of "C" or higher, and Reading Proficiency.	
RC 230	Respiratory Care Clinical Practice III	2	RC 180 and RC 190 with grades of "C" or higher, and Reading Proficiency.	
ENG 102 or COM 117 or COM 200	College Composition II (MOTR ENGL 200) or Health Communication or Communication Between Cultures (MOTR SBSC 101)	3	ENG 101 with a grade of "C" or better and Reading Proficiency.	
	Credit Hours	15		
Spring				
RC 240	Respiratory Care Specialties	3	RC 200, RC 210, RC 220, RC 230 all with grades of "C" or higher, and Reading Proficiency.	Apply for graduation
RC 250	Respiratory Care Capstone	4	RC 200, RC 210, RC 220, RC 230 all with grades of "C" or higher, and Reading Proficiency.	Complete National Board Review Exams
RC 260	Respiratory Care Clinical Practice IV	2	RC 200, RC 210, RC 220, RC 230 all with grades of "C" or higher, and Reading Proficiency.	
PSY 200	General Psychology (MOTR PSYC 100)	3	Reading Proficiency or concurrent enrollment in RDG 079.	
Social & Behavioral Sciences: Civics Requirement		3		
	Credit Hours	15		
	Total Credit Hours	62		

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.