

RESPIRATORY CARE: AAS

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 the STLCC website (<https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>).

PLEASE NOTE: If you originally enrolled at STLCC prior to Spring 2024, 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://stlcc.edu/programs-academics/pathways/health-professions/respiratory-care/associates.aspx>

Prerequisites to Apply to the Respiratory Care Program:

- English Proficiency can be met by **ONE** of the following:
 - English ACT score of 18 or higher **OR** SAT EBRW score of 500 or higher **within the last 3 years**; or
 - Accuplacer (Next Gen) score of 250 or higher **within the last 3 years OR** high school GPA of 2.6 or higher; or
 - Placement into ENG 101 **OR** completion of ENG 101 with a "C" or higher.
- Reading Proficiency can be met by **ONE** of the following:
 - Reading ACT score of 18 or higher **OR** SAT EBRW score of 500 or higher **within the last 3 years**; or
 - Accuplacer (Next Gen) score of 250 or higher **within the last 3 years OR** high school GPA of 2.6 or higher; or
 - Proof of completion of a 3 credit hour course (100 level or higher) with a grade of "C" or higher from a U.S. accredited institution; or
 - Demonstrate college-level reading competency.

- Math Proficiency can be met by **ONE** of the following:
 - ACT Math subscore of 22 or higher **OR** SAT math score of 540 or higher **within the last 3 years**; or
 - Place into MTH 160 or higher on the Accuplacer **within the last 3 years**; or
 - Completion of MTH 140, MTH 140S, or higher level math with a grade of "C" or higher **within the last 5 years**.
- Science Prerequisites can be met by completing **ALL** of the following:
 - Chemistry: Students must have completed two semesters of high school chemistry with lab **OR** one semester of college chemistry with lab (STLCC CHM 101 or higher) with a grade of "C" or higher **within the last 5 years**
 - BIO 207 Anatomy & Physiology I with a grade of "C" or higher **within the last 5 years** (If BIO 207 was already taken over 5 years ago, BIO 208 may be taken within the last 5 years to satisfy the time frame.)
- Minimum Cumulative GPA: **Students must have a GPA of 2.5** (4.0 scale) in high school or for 15 hours of college work (100 level or higher). **Students with fewer than 15 hours of college credit must have both a 2.5 GPA in high school and a 2.5 GPA in college**
 - 2.5 GPA MUST be maintained while on the waiting list.**
 - GED Applicants:** must have 15 hours of **(100 level or higher)** college credits with a 2.5 or higher GPA
 - STLCC students with at least 15 college-level credits with a 2.5 GPA:** will have met this requirement, regardless of the GPA at other colleges.
 - College transfer students with fewer than 15 STLCC credits:** must have a cumulative 2.5 GPA in college-level credits earned at all colleges attended.

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

Full-Time Academic Plan

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	Admission to the AAS Respiratory Care or BS Respiratory Care Program, BIO 208 with a minimum grade of "C", and Reading Proficiency	
RC 120	Respiratory Care Practices I	6	Program Admission, BIO 208 with a minimum grade of "C", and Reading Proficiency	

RC 130	Patient Assessment	2	Program Admission, BIO 208 with a minimum grade of "C" and Reading Proficiency	
	Credit Hours	14		
Spring				
RC 140	Respiratory Pharmacology	2	Concurrent or prior enrollment in RC 110 with a minimum grade of "C", and Reading Proficiency	
RC 150	Fundamentals of Respiratory Care II	4	RC 110, RC 125, and RC 135 with minimum grades of "C", and Reading Proficiency	
RC 160	Mechanical Ventilation I	4	RC 110, RC 125, and RC 135 with minimum grades of "C", and Reading Proficiency	
RC 170	Respiratory Care Clinical Practice I	1	RC 100, RC 110, RC 120, RC 130 all with minimum grades of "C", 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 125 and RC 140 with minimum grades of "C", and Reading Proficiency	
RC 190	Respiratory Care Clinical Practice II	1	RC 140, RC 150, RC 160, RC 170 all with minimum grades of "C", and Reading Proficiency	
	Credit Hours	4		
Second Year				
Fall				
RC 200	Adult Critical Care	3	RC 180 with grade of "C" or higher, and Reading Proficiency	
RC 210	Mechanical Ventilation II	4	RC 150, RC 160, and RC 180 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 minimum grade of "C" and Reading Proficiency	
	Credit Hours	15		
Spring				
RC 240	Respiratory Care Specialties	3	RC 180 with a grade 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.