

RESPIRATORY CARE

Associate of Applied Science degree



Program and Career Description:

A Respiratory Therapist is a health care professional that assists physicians in diagnosis, evaluation, monitoring, treatment and rehabilitation of patients with disorders affecting the cardio-respiratory system. Registered Respiratory Therapists also educate patients, families and communities on topics relating to the cardio-respiratory system. For more information, visit www.columbiastate.edu/respiratory-care.

How long is the program?

Columbia State offers a two-year program in Respiratory Care.

What does the program provide?

- Hands-on training at area Middle TN health care facilities
- Participation in the Respiratory Care Club
- Low student-to-teacher ratio
- Community Service activities
- Involvement in professional meetings

How is the job market?

Demand for respiratory therapists is anticipated to grow 23% from 2016 to 2026, much faster than the average for all occupations according to the Bureau of Labor Statistics (www.bls.gov). Median income was \$60,280 (\$28.98/hr) in May 2018.

Check out www.jobs4tn.gov website for information about job descriptions, education requirements and abilities, and supply and demand for these careers. For additional information from a national perspective, go to Bureau of Labor Statistics, U. S. Department of Labor on the internet at www.bls.gov. Visit the [Occupational Outlook Handbook](#) on this website. Salaries are not guaranteed.

Opportunities

Graduates are eligible to take the National Board for Respiratory Care (NBRC) credentialing exams to become Registered Respiratory Therapists (RRTs). Graduates are commonly employed at Middle Tennessee health care facilities including adult, pediatric and neonatal intensive care units. Future employers may also offer on the job training in various specialty areas. Graduates may pursue additional formal education (certifications or baccalaureate degrees) at other institutions through traditional or online formats.

www.columbiastate.edu/respiratory-care

Requirements for Graduation include:

- earning 25% of total program credits in residence at Columbia State.
- earn a GPA of at least 2.0 or higher.
- earn a cumulative GPA of 2.0 or higher.
- taking the Exit Exam.

For more information contact:

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or

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931.540.2600 or 931.540.2599

Student ID: _____ Student Name: _____ Adviser Name: _____		Catalog: 2020-2021 Catalog and Student Handbook Program: Respiratory Care, A.A.S. Minimum Credits Required: _____		
Respiratory Care, A.A.S. Major in Respiratory Care (A.A.S.)				
Sample Academic Plan - Total Credit Hours: 73 <i>Students must be accepted into the Respiratory Care program before they can register for RESP courses. Note: Respiratory Care courses must be repeated if three or more years have elapsed since completion. See complete program information below. Students may be required to take additional Learning Support courses. Courses cannot be used more than once to satisfy program requirements.</i>				
First Year - Fall Semester - Credit Hours: 18				
Course Name	Credits:	Term Taken	Grade	Gen Ed
RESP 1410 - Fundamentals of Respiratory Care I	Credits: 4			
BIOL 2010 - Human Anatomy and Physiology I *	Credits: 4			
ENGL 1010 - English Composition I OR ENGL 1020 English Composition II	Credits: 3			
PSYC 1030 - Introduction to Psychology OR PSYC 2130 Lifespan Development Psychology	Credits: 3			
³ General Education - Mathematics Requirement **	Credits: 3			
COLS 101 - Columbia State College Success	Credits: 1			
First Year - Spring Semester - Credit Hours: 15				
Course Name	Credits:	Term Taken	Grade	Gen Ed
RESP 1420 - Fundamentals of Respiratory Care II	Credits: 4			
RESP 1225 - Cardiopulmonary Pharmacology	Credits: 2			
RESP 1129 - Introduction to Clinical I	Credits: 1			
BIOL 2020 - Human Anatomy and Physiology II *	Credits: 4			
BIOL 2230 - Microbiology	Credits: 4			
First Year - Summer Semester - Credit Hours: 11				
Course Name	Credits:	Term Taken	Grade	Gen Ed
RESP 2430 - Intensive Care Monitoring	Credits: 4			
RESP 2435 - Arterial Blood Analysis	Credits: 4			
RESP 2339 - Introduction to Clinical II	Credits: 3			
Second Year - Fall Semester - Credit Hours: 14				
Course Name	Credits:	Term Taken	Grade	Gen Ed
RESP 2440 - Mechanical Ventilation	Credits: 4			
RESP 1310 - Cardiopulmonary Pathophysiology	Credits: 3			
RESP 2449 - Intensive Care Practicum I	Credits: 4			
² General Education - Humanities/Fine Arts Requirement	Credits: 3			
Second Year - Spring Semester - Credit Hours: 15				
Course Name	Credits:	Term Taken	Grade	Gen Ed
RESP 2450 - Pulmonary Functions/Seminar	Credits: 4			
RESP 2455 - Pediatric Respiratory Care	Credits: 4			
RESP 2459 - Intensive Care Practicum II	Credits: 4			
COMM 2025 - Fundamentals of Communication	Credits: 3			
Note(s): [*] BIOL 2010 and BIOL 2020 must have been completed no more than five years prior to start of program. Students must earn a "C" or higher in all Biology courses. ^{**} Students must earn a "C" or higher in the Mathematics course. ² Humanities/Fine Arts Requirement - Select from ART 1035, ART 2000, ART 2020, ENGL 2160, ENGL 2860, HUM 1010, HUM 1020, MUS 1030, PHIL 1030, PHIL 1040, PHIL 2200, THEA 1030. Literature Options: ENGL 2055, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320. ³ Mathematics Requirement - Select from MATH 1530, MATH 1630, MATH 1710, MATH 1720, MATH 1730, MATH 1830, MATH 1910. Requirements for Graduation Include: <ol style="list-style-type: none"> 1. Earn 25% of total program credits in residence at Columbia State. 2. Earn a GPA of at least 2.0 in program courses. 3. Earn a cumulative GPA of 2.0 or higher. 4. Take the Exit Exam required by Columbia State. <p>This degree program is in compliance with the Common Course Curriculum Library for the A.A.S. in Respiratory Care program as delivered by the Tennessee Board of Regents community colleges.</p> <p>Students and advisors should run a degree audit from myChargerNet each semester to confirm classes are applicable to the program of study.</p> <p>For more information contact: Cindy Smith at csmith172@columbiastate.edu or 931.540.2663 Health Sciences Division office at healthsciences@columbiastate.edu or 931.540.2600 or 931.540.2599 Detailed information is available via www.columbiastate.edu/respiratory-care</p>				