

Southern West Virginia 2022-2023 Southern Academic Catalog Community Technical College

Respiratory Care Technology, A.A.S.

Purpose

The Respiratory Care Technology Program at Southern West Virginia Community and Technical College is designed to meet the growing needs of the healthcare industry focusing on Respiratory Therapy. Respiratory Therapists work in all types of healthcare settings to evaluate, treat, and care for patients with breathing or other cardiopulmonary disorders. Practicing under the direction of a physician they will assume primary responsibility for all respiratory care therapeutic treatments and diagnostic procedures. The graduate of the Respiratory Care Technology Program will be eligible to sit for the Certified Respiratory Therapist Exam and the Registered Respiratory Therapist exam offered by the National Board of Respiratory Therapy provided all eligibility requirements are met.

The full Respiratory Care Technology Program is available on the Williamson and Wyoming/McDowell Campuses. The Boone/Lincoln and Logan campuses offer the general education/program support courses only.

Program Level Outcomes:

1. Graduates must be competent to perform all diagnostic and therapeutic procedures required of a Respiratory Therapist entering the profession.
2. Graduates must be able to function proficiently within inter-professional teams and communicate effectively with diverse populations. The curriculum must prepare students to work with, and care for, a variety of populations including, but not limited to, individual of various ages, abilities, and ethnicities.
3. Program graduates must exhibit adequate critical thinking skills and be competent in the application of problem-solving strategies in the patient care setting.

First Semester

- [BS 124 - ^Human Anatomy and Physiology I](#) 4 Credit Hours
- [RC 101 - Assessment of the Cardiopulmonary Patient](#) 3 Credit Hours
- [RC 102 - Respiratory Skills I](#) 4 Credit Hours
- [RC 110 - Cardiopulmonary Pharmacology](#) 3 Credit Hours
- [RC 120 - Clinical Rotation I](#) 2 Credit Hours

Credit Hours: 16

Second Semester

- [BS 125 - ^Human Anatomy and Physiology II](#) 4 Credit Hours
- [EN 101 - ~English Composition I](#) 3 Credit Hours
- [RC 103 - Respiratory Sciences](#) 3 Credit Hours
- [RC 104 - Respiratory Skills II](#) 4 Credit Hours
- [RC 106 - Cardiopulmonary Pathology](#) 2 Credit Hours
- [RC 121 - Clinical Rotation II](#) 2 Credit Hours

Credit Hours: 18

Third Semester

- [RC 122 - Clinical Rotation III](#) **1 Credit Hours**

Credit Hours: 1

Fourth Semester

- [PY 218 - ~Life-Span Developmental Psychology](#) **3 Credit Hours**
- [RC 210 - Mechanical Ventilation I](#) **4 Credit Hours**
- [RC 220 - Clinical Rotation IV](#) **2 Credit Hours**
- [RC 230 - Neonatal and Pediatric Therapy](#) **3 Credit Hours**

Credit Hours: 12

Fifth Semester

- [AH 200 - Health Care Ethics and Law](#) **1 Credit Hours (E)**
- [RC 201 - Cardiopulmonary Diagnostics I](#) **3 Credit Hours**
- [RC 211 - Mechanical Ventilation II](#) **4 Credit Hours**
- [RC 221 - Clinical Rotation V](#) **2 Credit Hours**
- [RC 232 - Respiratory Care Profession](#) **3 Credit Hours**

Credit Hours: 13

Total Credit Hours: 60

~ Designates courses on the statewide Core Coursework Transfer Agreement.

^ Denotes course equivalency.

This degree program provides students the opportunity to receive credit for their high school EDGE courses (<http://careertech.k12.wv.us/edge/edgeCollege.html>) as designated by the (E) within the program sequence.
