

RESPIRATORY CARE ASSOCIATE IN APPLIED SCIENCE

Program Description

This program trains students to treat patients with difficulty breathing because of problems affecting the cardiopulmonary (heart-lung) system.

The Respiratory Care program is a Phase I/Phase II program.

Mission Statement

The philosophy of the educational approach of the Greenville Technical College Respiratory Care program is one of professional development. The respiratory therapist fills the role of a responsible health care practitioner in a growing and rapidly changing medical field of both acute and chronic patient care. Growth and commitment to optimum respiratory care is the foremost goal. The other primary objective of this program is to fill the need for respiratory therapists and to build and maintain a progressive respiratory care profession for the members of the community.

Entrance Requirements

High school diploma or GED

See "Program Requirements" Section for additional requirements.

Type of Program

Day

Location

The Respiratory Care program is located at the Barton Campus.

Employment Opportunities

Hospitals, sales, home health care, management, physician offices and pulmonary rehabilitation.

Professional Credentials

Certified Respiratory Therapist (CRT); Registered Respiratory Therapist (RRT)

- Graduates are eligible to take the Therapist Multiple-Choice Examination, offered by the National Board for Respiratory Care (NBRC), upon successful completion of the program.
- Completion of the TMC with the high cut score enables the graduate to take the Clinical Simulation Exam and earn the Registered Respiratory Therapist (RRT) credential.

Program Accreditation

Commission on Accreditation for Respiratory Care
264 Precision Blvd.
Telford, TN 37690
(817) 283-2835
<https://www.coarc.com/>

Visit our web page at <https://www.gvltec.edu/respiratorycare/>.

Visit https://www.gvltec.edu/academics_learning/licensure-disclosures/index.html (https://www.gvltec.edu/academics_learning/licensure-disclosures/) for important information concerning educational requirements for professional licensure in a specific state or territory.

Program Requirements Pre-Program/Phase I Admission Requirements

- Must meet college admission requirements.
- Complete Online Career Talk.
- Take the TEAS entrance exam at the Testing Center on the second floor of the Dreisbach/Anderson Student Success Center (Barton Campus, Building 102). Must have a total score of 60 or higher to be considered eligible for the program.

Phase II Admission Requirements

- Completed all Phase I courses with a grade of "C" or better.
- Have a 2.50 technical GPA for Phase I courses.
- Students with the highest scores on their weighted admission application will receive an admission letter, intent form and physical exam form.
- Previously completed respiratory courses from other programs can not be transferred into Phase II.

After acceptance into Phase II

Before beginning clinical coursework, students will be required to

- Attend a new student orientation for the Respiratory Care program.
- Be able to attend all clinical experiences, which require driving to and from clinical sites.
- Have an acceptable background for seven years prior to entering Phase II. Students may be subject to more than one background check during the program based on affiliate requirements. Some convictions greater than seven years old may prevent progression through the program.
- Submit to drug screening prior to attending clinical in Phase II. Must have a negative 10-panel drug screen. Students are strictly prohibited from being under the influence of alcohol or any drug/medication which alters behavior or appearance of capability while engaged in any portion of their formal educational experience.
- Submit a physical exam form (not older than 12 months prior to entering RES program) with documentation of required immunizations.
- Submit documentation of current American Heart Association Healthcare Provider CPR certification.
- Students must pass an exit examination in order to complete their requirements for graduation.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Note: Please contact your advisor for other program options.

| Course | Title | Hours |
|------------------------------------|--|--------------|
| Phase I | | |
| BIO 210 or BIO 215 | Anatomy & Physiology I ¹ Anatomy | 4 |
| BIO 211 or BIO 216 | Anatomy & Physiology II ¹ Physiology | 4 |
| BIO 225 | Microbiology | 4 |
| ENG 101 | English Composition I ¹ | 3 |
| Select one of the following: | | 3 |
| MAT 109 | College Algebra With Modeling | |
| MAT 110 | College Algebra | |
| MAT 120 | Probability and Statistics | |
| Select one of the following: | | 3 |
| PSY 201 | General Psychology ¹ | |
| SOC 101 | Introduction to Sociology ¹ | |
| Humanities Elective ¹ | | 3-4 |
| Phase II Clinical | | |
| <i>First Semester</i> | | |
| RES 101 | Introduction to Respiratory Care | 3 |
| RES 121 | Respiratory Skills I | 4 |
| RES 152 | Clinical Applications II | 3 |
| RES 246 | Respiratory Pharmacology | 2 |
| <i>Second Semester</i> | | |
| RES 111 | Pathophysiology | 2 |
| RES 131 | Respiratory Skills II | 4 |
| RES 154 | Clinical Applications II | 4 |
| RES 232 | Respiratory Therapeutics | 2 |
| <i>Third Semester</i> | | |
| RES 141 | Respiratory Skills III | 3 |
| RES 236 | Cardiopulmonary Diagnostics | 3 |
| RES 241 | Respiratory Care Transition | 1 |
| RES 265 | Advanced Clinical Applications I | 3 |
| <i>Fourth Semester</i> | | |
| RES 204 | Neonatal/Pediatric Care | 3 |
| RES 242 | Advanced Respiratory Care Transition | 1 |
| RES 244 | Advanced Respiratory Skills I | 4 |
| RES 275 | Advanced Clinical Practice | 5 |
| <i>Fifth Semester</i> | | |
| RES 207 | Management in Respiratory Care | 2 |
| RES 249 | Comprehensive Applications | 2 |
| RES 251 | Clinical Applications III | 8 |
| Total Required Credit Hours | | 83-84 |

¹ General education course