

Associate in Applied Science Degree

RESPIRATORY CARE

The goal of the Respiratory Care Program at Horry-Georgetown Technical College is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by Registered Respiratory Therapists (RRTs). At HGTC, you as a student will realize the important part you will have in today's healthcare system, caring for high-risk patients in their most intense moments. Respiratory Therapists have a vital role of taking care of patients who suffer from heart and lung ailments. The HGTC Respiratory Care program trains students with the most up-to-date technology and equipment, so graduates are ready for employment in the profession.

Admissions Information

Specific Admission Requirements for Program

- Graduation from high school or successful completion of the G.E.D (General Education Development) test; Criminal Background Check;
- Urine Drug Screening;
- Meet the criteria for admission to HGTC. This includes submission of official high school transcript, including graduation date or copy of GED; and official college transcripts;
- Applicants must be at least 18 years of age by the semester of admittance to RES 152.
- Submit a Health Sciences Division Student Health Record Form indicating the candidate can perform the physical tasks required in the program prior to enrollment in the first respiratory care course.
- Complete and pass the General Hospital Orientation.
- Proof of CPR certification for Health Care Providers prior to enrollment in the first respiratory course and throughout the curriculum.
- GPA of 2.5 on all required general education courses with a grade of "C".
- A minimum grade of "C" (75) is also required in all courses required for Respiratory care.

PHASE I - GENERAL ADMISSION

Phase I is a general admission phase and enables students to enroll in the General Education pre-requisite courses required for Respiratory Care program. The General Education courses may be completed at Horry-Georgetown Technical College or transferred in from another accredited institution.

PHASE II - LIMITED ACCESS

To be eligible to apply for Phase II - Limited Access, students must complete option A or option B with a grade of "C" or better, and submission of a Limited Access Application.

Option A: Successfully completed (minimal grade of C) BIO 210, ENG 101, and MAT 110 or MAT 120, a GPA of at least 2.5, and **Test of Essential Academic Skills (TEAS) score of 65 or above. Scores are valid for 2 years from testing date.** Students may retest every 30 days. There is a 5-year time limit on BIO courses and a 10-year time on MAT courses. (If student has a bachelor's degree, there is a 10-year time limit on BIO courses.)

Option B: Successfully completed (minimal grade of C) the (7) Respiratory Care General Education courses (BIO 210, BIO 211, BIO 225, ENG 101, MAT 110 or MAT 120, PSY 201, and Humanities) and a GPA of at least a 2.5. **TEAS Score of 58 or above – valid for 2 years from date of testing.** Students may retest every 30 days. There is a 5-year time limit on BIO courses and a 10-year time on MAT courses. (If student has a bachelor's degree, there is a 10-year time limit on BIO courses.)

- Readmission and progression guidelines, see the Respiratory Care Student Handbook.
- No waitlist must reapply for future fall admissions.
- Admissions applications accepted until seats are filled – No Application Deadline.

Course Sequence and Progression Requirements

Earn a minimum grade of "C" in all general education, support and RES courses. Failure of one required course will result in the student being dropped from the program with eligibility for readmission. A student who has a second failure in any one of the required courses, or failure in any two of the required courses will not be eligible for readmission to the RES program. Failure is defined as receiving a grade below "C" in any course. Students may apply for readmission to RES program after 2-year time period from 2nd course failure.

Required Courses

Respiratory Care Requirements

(Continued)

DEGREE REQUIREMENTS: RESPIRATORY CARE

Component	Course Title	Semester Credit Hours
GENERAL EDUCATION		
*ENG 101	English Composition I	3
*BIO 210	Anatomy and Physiology I	4
*BIO 211	Anatomy and Physiology II	4
*BIO 225	Microbiology	4
*PSY 201	General Psychology	3
*Select one Mathematics course from the list below:		
*MAT 110	College Algebra [#]	3
*MAT 120	Probability and Statistics [#] (preferred)	3
and		
*Select one Humanities/Fine Arts course from the list below:		
*ART 101	Art History and Appreciation	3
*ENG 201	American Literature I	3
*ENG 202	American Literature II	3
*ENG 205	English Literature I	3
*ENG 206	English Literature II	3
*ENG 208	World Literature I	3
*ENG 209	World Literature II	3
*ENG 230	Women in Literature	3
*ENG 236	African American Literature	3
*HIS 101	Western Civilization to 1689	3
*HIS 102	Western Civilization Post 1689	3
*HIS 201	American History Disc to 1877	3
*HIS 202	American History 1877 to Pres	3
*MUS 105	Music Appreciation	3
*PHI 101	Introduction to Philosophy	3
*PHI 110	Ethics	3
*PHI 201	History of Philosophy	3
*PHI 211	Moral Philosophy	3
*REL 103	Comparative Religion	3
*SPA 201	Intermediate Spanish I	3
*SPA 202	Intermediate Spanish II	3
*THE 101	Introduction to Theatre	3
CREDITS		24
REQUIRED CORE SUBJECT AREAS		
RES 121	Respiratory Skills I	4
RES 131	Respiratory Skills II	4
RES 141	Respiratory Skills III	3
RES 253	Advanced Clinical Studies I	6

(Continued)

RES 236	Cardiopulmonary Diagnostics	3
RES 204	Neonatal/Pediatric Care	3
	CREDITS	23
OTHER HOURS REQUIRED FOR GRADUATION		
RES 101	Introduction to Respiratory Care	3
RES 111	Pathophysiology	2
RES 246	Respiratory Pharmacology	2
RES 152	Clinical Applications II	3
RES 154	Clinical Applications II	4
RES 220	Hemodynamic Monitoring	1
RES 232	Respiratory Therapeutics	2
RES 235	Respiratory Diagnostics	4
RES 242	Advanced Respiratory Care Transition	1
RES 244	Advanced Respiratory Skills I	4
RES 249	Comprehensive Applications	2
RES 254	Advanced Clinical Studies II	7
	TOTAL	35
	TOTAL CREDIT HOURS	82

*Courses may be completed during Phase I, General Admission phase of the Respiratory Care program or transferred in from another accredited institution. BIO 210, ENG 101, and MAT 110 or MAT 120 must be completed with a grade of C or better before enrolling into the Limited Access Respiratory Care program.

#Registration for MAT courses require students to have appropriate test scores and/or pre-req courses; please refer to your advisor to determine your academic qualifications and eligibility for enrolling in MAT courses.