

## 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). Respiratory Care therapists have a vital role of taking care of patients who suffer from heart and lung ailments. Horry-Georgetown Technical College Respiratory Care program trains students with the most up-to-date technology and equipment, so graduates are ready for employment in the career. At HGTC, you as a student will realize the important part you'll have in today's healthcare system caring for high-risk patients in their most intense moments.

#### Program 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;
- Minimum placement test scores from one of the following tests: SAT or ACT
- Transfer students must meet the College transfer student admission requirements;
- GPA of 2.5 on all required general education and support courses. A minimum grade of "C" is also required in all courses required for the Respiratory Care Program;
- Payment of a non-refundable tuition deposit.
- Applicants must be at least 17 years of age by the semester of admittance to RES 101.

Having met one of the following two admission options:

- Successfully complete (minimal grade of "C") 7 general education courses (BIO 210, BIO 211, BIO 225, ENG 101, MAT 110 or MAT 120, PSY 201 and Humanities) with a GPA of at least a 2.5. There is a 5 year time limit on BIO courses and a 10 year time limit on MAT courses.
- Be eligible for BIO 210, ENG 101 and MAT 110 or MAT 120 and met the required score of at least 70 on the Test of Essential Academic Skills (TEAS). TEAS Scores are valid for 2 years from testing date. Students may retest every 3 months. There is a 5-year time limit on BIO courses and a 10-year time limit on MAT courses.

Application to the program and deadlines are available on the Health Science webpage.

#### COURSE SEQUENCE & 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.

#### CURRICULUM SEQUENCE

##### PHASE 1 - 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.

To be eligible to apply for Phase II - Limited Access, students must complete all prerequisite courses with a grade of "C" or better.

General Education Requirements	Course Title	Semester Credit Hours
BIO 210	Anatomy & Physiology I	4
BIO 211	Anatomy & Physiology II	4
BIO 225	Microbiology	4
ENG 101*	English Composition I	3

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MAT 110* <b>or</b> MAT 120*	College Algebra <b>OR</b> Probability and Statistics  (preferred)	<b>3</b>
PSY 201	General Psychology	3
Humanities	Elective	3
	<b>Total Credits</b>	<b>24</b>

\*Registration for ENG and 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 ENG and MAT courses.

## PHASE II - LIMITED ACCESS

Students may apply to Phase II – Limited Access Respiratory Care upon completion of:

1. Completion all seven (7) required general education courses with a cumulative **GPA of 2.5** or greater.
2. Complete the Respiratory Care Program Specific Application. (link this)

NOTE: If you have taken the TEAS test within the past two (2) years and scored a **70 or above**, please see advisor for other admission options.

After applying to Phase II, students will be accepted on a first qualified basis to the Respiratory Care Program. Students accepted into Phase II will receive a Respiratory Care Program Acceptance letter from the HGTC admission office providing next steps and due dates for enrolling in the Limited Access Respiratory Care program.

After admission to PHASE II – Limited Access students must complete the following courses to graduate as a Respiratory Care Technician.

### First Semester - Fall

RES 101	Introduction to Respiratory Care	3
RES 121	Respiratory Skills I	4
RES 246	Respiratory Pharmacology	2
RES 152	Clinical Applications II	3
	<b>TOTAL</b>	<b>12</b>

### Second Semester - Spring

RES 111	Pathophysiology	2
RES 131	Respiratory Skills II	4
RES 232	Respiratory Therapeutics	2
RES 154	Clinical Applications II	4
	<b>TOTAL</b>	<b>12</b>

### Third Semester - Summer

RES 141	Respiratory Skills III	3
RES 220	Hemodynamic Monitoring	1
RES 235	Respiratory Diagnostics	4
RES 249	Comprehensive Applications	2
	<b>TOTAL</b>	<b>10</b>

### Fourth Semester - Fall

RES 204	Neonatal/Pediatric Care	3
RES 236	Cardiopulmonary Diagnostics	3
RES 253	Advanced Clinical Studies I	6
	<b>TOTAL</b>	<b>12</b>

### Fifth Semester - Spring

RES 242	Advanced Respiratory Care Transition	1
RES 244	Advanced Respiratory Skills I	4
RES 254	Advanced Clinical Studies II	7
	<b>TOTAL</b>	<b>12</b>
	<b>TOTAL CREDIT HOURS</b>	<b>82</b>

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