

## 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 students 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.

The Respiratory Care program, Program Number 200622, Associate in Applied Science Degree on the Grand Strand Campus holds Provisional Accreditation from the Commission on Accreditation for Respiratory Care ([www.coarc.com](http://www.coarc.com)). This status signifies that a program that has been granted an Approval of Intent has demonstrated sufficient compliance to initiate a program in accordance with the Standards through the completion and submissions of an acceptable Provisional Accreditation Self Study Report (PSSR), completion of an initial on-site visit, and other documentation required by the CoARC. The conferral of Provisional Accreditation denotes a new program that has made significant progress towards meeting the Standards of Accreditation. The program will remain on Provisional Accreditation until achieving Continuing Accreditation. It is recognized by the National Board for Respiratory Care (NBRC) toward eligibility to the Respiratory Care Credentialing Examination(s). Enrolled students completing the program under Provisional Accreditation are considered graduates of a CoARC accredited program. Commission on Accreditation for Respiratory Care, 1248 Harwood Road, Bedford, Texas 76021-4244, 817-283-2835. Commission on Accreditation for Respiratory Care Programmatic Outcomes Data.

#### 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 application fee; 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, ACT, ACCUPLACER;
- 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.

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 in the 7 general education courses. There is a 5 year time limit on BIO courses and a 10 year time limit on MAT courses.
- Applicants must be at least 17 years of age by the semester of admittance to RES 101.

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

##### General Education Requirements

Completion of the prerequisite courses with a grade of "C" or better:

BIO 210  
 BIO 211  
 BIO 225  
 ENG 101  
 MAT 110 or MAT 120  
 PSY 201  
 Humanities

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(Continued)

**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 207	Management in Respiratory Care	2
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>14</b>
	<b>TOTAL CREDIT HOURS</b>	<b>84</b>