

2018-2019 TTC Catalog

Respiratory Care

Respiratory Care

Associate in Applied Science in Respiratory Care

80-81 Credit Hours

Respiratory care is a health sciences specialty that focuses on the treatment, management, control, diagnostic evaluation and care of patients with deficiencies and abnormalities associated with the cardiopulmonary system.

TTC's Respiratory Care program prepares students for employment as advanced-level respiratory care practitioners. The Respiratory Care program is housed on Main Campus.

Accreditation

Commission on Accreditation for Respiratory Care
1248 Harwood Road
Bedford, TX 76021-4244
817.283.2835
www.coarc.com

General Education Core Requirements

BIO 210 Anatomy and Physiology I 4
ENG 101 English Composition I 3
MAT 110 College Algebra 3
PSY 201 General Psychology 3
REQ HUM Select from 3
[Humanities](#)

Total: 16

Major Requirements

AHS 104 Medical Vocabulary-Anatomy 3
BIO 115 Basic Microbiology 3
or
BIO 225 Microbiology 4
BIO 211 Anatomy and Physiology II 4
RES 110 Cardiopulmonary Science I 2
RES 111 Pathophysiology 2
RES 121 Respiratory Skills I 4
RES 131 Respiratory Skills II 4
RES 140 Introduction to Mechanical Ventilation 2
RES 142 Basic Pediatric Care 2

RES 152 Clinical Applications II 3
RES 160 Clinical I 1
RES 161 Clinical II 4
RES 205 Neonatal Respiratory Care 2
RES 210 Cardiopulmonary Science II 3
RES 220 Hemodynamic Monitoring 1
RES 235 Respiratory Diagnostics 4
RES 243 Mechanical Ventilation II 2
RES 246 Respiratory Pharmacology 2
RES 247 Advanced Respiratory Pharmacology 2
RES 249 Comprehensive Applications 2
RES 253 Advanced Clinical Studies I 6
RES 254 Advanced Clinical Studies II 7

Total: 64-65

Applicants will be admitted to this program on a first-qualified, first-admitted basis. Applicants are considered to be qualified for admission to the next available class when they meet all college and program requirements. Classes in this program begin Summer Semester.

APPLICANTS MUST COMPLETE ALL OF THE FOLLOWING REQUIREMENTS

1. **General College Admission Requirements** Achieve admission to TTC by meeting the college's requirements for associate degree programs. Please note that applicants not achieving appropriate test scores will be required to complete courses indicated by placement test scores.
Note: Admission to the college does not guarantee admission to the Respiratory Care program.
2. **Program Admission Requirements** Applicants should ensure that documentation of each of the following admission requirements is on file in the Admissions office as soon as it is completed. Information may be submitted in person or by mail to:
Trident Technical College
Admissions Office, AM-M
(Student Center, Bldg. 410, Room 110)
P.O. Box 118067
Charleston, SC 29423-8067
 - a. Achieve qualifying scores on the college's placement test, SAT or ACT. Contact an academic advisor and complete all courses indicated by placement test scores.
 - b. Complete a Health Sciences application for the Respiratory Care program.
Note: When the number of applicants qualifying at the same time exceeds the number of spaces available in this program, admission will be prioritized according to the date and time that the Health Sciences application was received in the Admissions office.

- c. Complete BIO 210 or its equivalent with a minimum grade of C from an approved, regionally accredited postsecondary institution.
- d. Submit proof of algebra competencies by completing one of the following:
 - i. MAT 110 College Algebra or MAT 109 Algebra with Modeling with a minimum grade of C,
OR
 - ii. Complete a college algebra course equivalent to MAT 110 or MAT 109 with a minimum grade of C from an approved, regionally accredited postsecondary institution.
- e. Provide proof of high school graduation or equivalent by submitting a copy of high school transcript, diploma or GED.
- f. Provide proof of a minimum 2.75 GPA on all college course work by submitting copies of official transcripts, excluding TTC transcripts, to the Admissions office; or complete 10 semester credit hours with a minimum grade of C in each course and a cumulative 2.75 GPA. At least one of these courses must be a laboratory science. Laboratory sciences must have been completed within five years of the admission date with a minimum grade of C.
- g. A minimum cumulative 2.75 GPA is required at the time of admission. Students cannot be on academic or disciplinary suspension at date of entry into the program.
- h. Submit a completed Information Session form to Admissions showing evidence of attendance.
- i. At the time of entry to the program, show evidence of completion of the criminal background check required by the college.

3. **General Admission Procedures for the Respiratory Care Program**

Applicants who meet college and program requirements will be considered qualified and will be admitted on a first-qualified, first-admitted basis. Qualified applicants will be notified via my.tridenttech.edu email indicating the year and semester that they have been admitted. Students will be required to provide a completed, current Health Sciences – Student Health Record including all immunizations and titers, TB (PPD) tests, as well as current Healthcare Provider CPR certification, major medical insurance and medical professional liability coverage.

Students will also be notified by my.tridenttech.edu email the date and time of the mandatory program orientation. Failure to attend will result in forfeiture of seat in the program.

Note: Falsification of any information submitted will make a student ineligible for admission to or continuation in the Respiratory Care program.

Course Progression

To progress to the next Respiratory Care course, students must:

1. Earn a C or better in all courses required for the program.
2. Earn a satisfactory grade of S on all professional development evaluations.