2021-2022 TTC Catalog

Respiratory Care

Associate in Applied Science in Respiratory Care

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 Thornley Campus.
The program prepares students to sit for the National Board for Respiratory Care's registry examinations. Upon successful completion of these exams, graduates are designated as Registered Respiratory Therapists.

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
BIO 211 Anatomy and Physiology II 4
ENG 101 English Composition I 3
PSY 201 General Psychology 3

REQ HUM	Select from Humanities	3

Total: 17

Major Requirements

AHS 104 Medical Vocabulary-Anatomy 3
BIO 225 Microbiology 4
RES 110 Cardiopulmonary Science I 2
RES 111 Pathophysiology 2
RES 112 Cardiopulmonary Pathophysiology 3
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 150 Clinical Applications I 4

RES 152 Clinical Applications II 3
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

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. Qualified applicants will be notified via my.tridenttech.edu email indicating the year that they have been admitted. Classes in this program begin Summer Semester.

In addition to meeting the college's general admission requirements, including submission of official high school and college transcripts, APPLICANTS TO THE RESPIRATORY CARE PROGRAM MUST COMPLETE ALL OF THE FOLLOWING REQUIREMENTS:

1. Complete the **Health Sciences Application** through the TTC Portal.
2. Complete the following courses with a minimum grade of C.
   a. MAT 102 Intermediate Algebra or higher (or achieve a qualifying equivalent math placement)
   b. BIO 210 Anatomy and Physiology I. This course must have been taken within five years of acceptance into the program.
3. Achieve a minimum cumulative 2.75 GPA at the time of acceptance and at date of entry into the program based on classes taken within five years of acceptance into the program.
4. Complete the Information Session on the TTC Respiratory Care webpage and achieve a 100% score on the online quiz following the session to verify the information was reviewed and understood.
5. Electronically submit the Statement of Completion form found on the Health Sciences webpage to HealthSciencesAdmissions@tridenttech.edu.

General Admission Procedures for the Respiratory Care Program

1. 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.

2. Students will 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 term/semester, students must do the following:

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.