



## Respiratory Care Program Associate in Applied Science

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

### Program Admission Requirements

In addition to meeting the college's general admission requirements, including submission of official high school and college transcripts, applicants must complete all of the following requirements:

1. Complete the **Health Sciences Application**. Application link can be found on the TTC Health Sciences webpage.

*Note: When the number of applicants qualifying at the same time exceeds space available in the program, admission will be prioritized according to the date and time that the Health Science application was received by the Health Sciences Admissions Coordinator.*

2. Complete the following courses with a minimum grade of C:
  - a. MAT 102 Intermediate Algebra or higher (or achieve 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 into the program based on classes at your most recently attended institution taken within five years of acceptance into the program.
4. After submitting the Health Sciences Application, the student will receive details in their Trident Tech email from the Health Sciences Admissions Coordinator regarding the Information Session and quiz. Students must achieve a 100% score on the online quiz following the session to verify the information was reviewed and understood.
5. Submit the Statement of Completion form online. The link to the form can be found on the Health Sciences webpage.

Accreditation - The Respiratory Care Program at Trident Technical College is housed on the Thornley Campus, awards an Associate in Applied Science, and is accredited by the Commission on Accreditation for Respiratory Care, 1248 Harwood Road, Bedford, TX 76021-4244; telephone: 817-283-2835; website <http://www.coarc.com>.

*Trident Technical College is an equal opportunity institution and does not discriminate on the basis of race, color, religion, national or ethnic origin, disability, gender or age in its admissions policies, programs, activities or employment practices.*

			<u>Lecture</u>	<u>Lab</u>	<u>Credit</u>
<b>PREREQUISITES</b>					
*BIO 210		Anatomy and Physiology I	3	3	<u>4</u>
					<b>4</b>
<b>First Semester – Summer</b>					
ENG 101		English Composition I	3	0	3
*AHS 104		Medical Vocabulary/Anatomy	3	0	3
RES 110		Cardiopulmonary Science I	2	0	2
RES 121		Respiratory Skills I	3.5	1.5	<u>4</u>
					<b>12</b>
<b>Second Semester – Fall</b>					
*BIO 211		Anatomy and Physiology II	3	3	4
RES 131	FA	Respiratory Skills II	3.5	1.5	4
RES 111	F1	Pathophysiology	2	0	2
RES 246	F2	Respiratory Pharmacology	2	0	<u>2</u>
					<b>12</b>
<b>Third Semester – Spring</b>					
RES 150	SP	Clinical Applications I	0	12	4
RES 112	S1	Cardiopulmonary Pathophysiology	3	0	<b>3</b>
RES 140	S1	Introduction to Mechanical Ventilation	1.5	1.5	2
RES 247	S2	Advanced Respiratory Pharmacology	2	0	2
RES 243	S2	Mechanical Ventilation II	1.5	1.5	<u>2</u>
					<b>13</b>
<b>Fourth Semester – Summer</b>					
**REQ SSC		See College Catalog for approved Behavioral/ Social Science	3	0	3
REQ HUM		See College Catalog for approved humanities	3	0	3
RES 152		Clinical Applications II	0	9	3
RES 235		Respiratory Diagnostics	3.5	1.5	4
RES 220		Hemodynamic Monitoring	1	0	<u>1</u>
					<b>14</b>
<b>Fifth Semester – Fall</b>					
RES 253	FA	Advanced Clinical Studies I	0	18	6
*BIO 225		Microbiology	3	3	4
RES 142	F1	Basic Pediatric Care	2	0	2
RES 205	F2	Neonatal Respiratory Care	2	0	<u>2</u>
					<b>14</b>
<b>Sixth Semester – Spring</b>					
RES 254	SP	Advanced Clinical Studies II	0	21	7
RES 210	S1	Cardiopulmonary Science II	3	0	3
RES 249	S2	Comprehensive Applications	2	0	<u>2</u>
					<b>12</b>
<b>TOTAL SEMESTER HOURS</b>					<b>81</b>

\*All biology courses and AHS 104 must be taken within 5 years of acceptance into the program.

\*\*PSY 201 General Psychology is the recommended Behavioral/Social Science

**Course Progression:** Once accepted into the program, students must earn a grade of C or better in each course and earn a grade of satisfactory on professional development evaluations in order to progress to the next semester.

**Please note:** All Health Sciences students are required to have drug screenings, criminal background checks, and a current Student Health Record with immunizations and titers. For more information, students may contact their Respiratory Care advisor. NOTE: Falsification of any information submitted will make a student ineligible for admission to or continuation in the Respiratory Care Program.