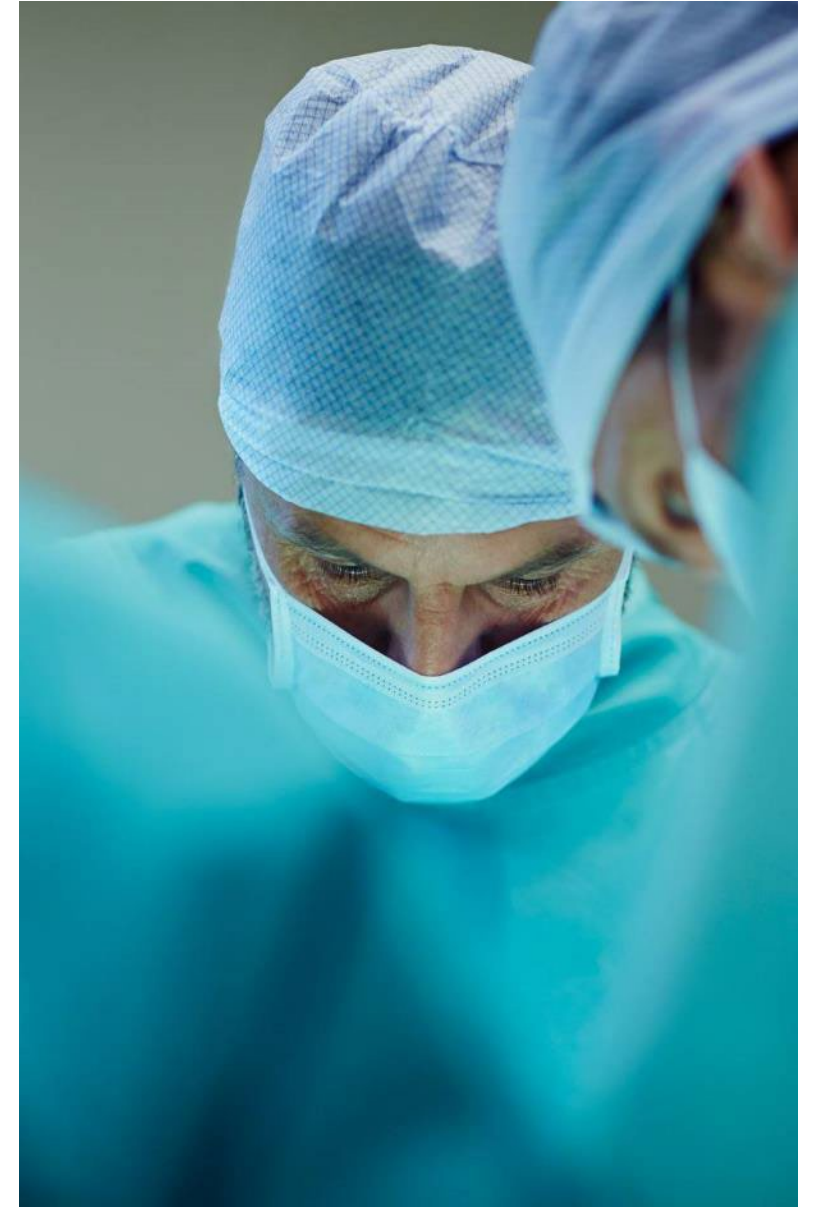

RESPIRATORY CARE

KAREN SIMMONS, MSRC, RRT-NPS, RPFT



AGENDA

- ❑ About the Profession
- ❑ Characteristics of a good Respiratory Therapist
- ❑ Employment Opportunities
- ❑ Trident Technical College's Respiratory Care Program
- ❑ Non-Academic Requirements
- ❑ Costs Associated with being a Respiratory Care Student
- ❑ Important Contact Information



ABOUT THE PROFESSION

- Respiratory Therapists are truly healthcare heroes; we help people breathe when they are unable to do it for themselves.
- Respiratory Therapists manage the ventilators we heard so much about during the COVID pandemic.
- Respiratory Therapists care for patients from their first breath in the delivery room, until their very last breath.
- We specialize in pulmonary health, caring for patients with lung diseases such as asthma, COPD, pneumonia, and many rare lung diseases.
- We also provide emergency care for patients who have been in accidents or have had a heart attack.
- You will find Respiratory Therapists in the hospital, doctor offices, rehabilitation units and in patients' homes.

CHARACTERISTICS OF A GOOD RESPIRATORY THERAPIST

- With all the health care professions out there, how can you know which one is right for you? It's not an easy decision, but if you agree with the following statements, you might discover respiratory therapy is exactly what you've been looking for:
 1. I enjoy helping people in their time of need.
 2. I like working with technology and I'm good in math and science.
 3. I want to work in a profession with lots of variety.
 4. I want the ability to work in a variety of places with patients of all ages.
 5. I'm looking for a career with multiple opportunities for advancement—not just one.
- If this sounds like you, respiratory therapy could be a great fit! Watch a video using the link below for more details about Being an RT.

<https://be-an-rt.org/what-is-respiratory-therapy/>

EMPLOYMENT OPPORTUNITIES

Hospitals

Intensive Care Units

Emergency Departments

Doctor offices

Pulmonary Rehabilitation

Sleep Labs

In the Home

Air and ground transport

Sales Associates

Clinical Educators

Academic Instructors

Quick Facts: Respiratory Therapists

2022 Median Pay

\$70,540 per year
\$33.91 per hour

Typical Entry-Level Education

Associate's degree

Work Experience in a
Related Occupation

None

On-the-job Training

None

Number of Jobs, 20212

133,100

Job Outlook, 2022-312

13% (Much faster than
average)

Employment Change, 2021-
31

16,700,

<https://www.bls.gov/ooh/healthcare/respiratory-therapists.htm>

TRIDENT TECHNICAL COLLEGE'S RESPIRATORY CARE PROGRAM

- Trident Technical College offers an accredited two-year Associate's degree program that prepares students to take their national registry exam and work in the field of respiratory care.
- Trident Technical College's Respiratory Care program prepares students for employment as advanced-level respiratory care practitioners.
- The program is accredited by the Committee on Accreditation for Respiratory Care (CoArc)
Committee on Accreditation for Respiratory Care (CoArc)
- Graduates of our program are eligible to take the national registry exams offered by the National Board for Respiratory Care
The National Board for Respiratory Care (NBRC)
- Respiratory Therapists are licensed by the SC State Board for Medical Examiners, or the licensing board for the state the Respiratory Therapist plans to work.

TRIDENT TECHNICAL COLLEGE'S RESPIRATORY CARE PROGRAM

- Completion of MAT102 Intermediate Algebra
- Completion of BIO210 Anatomy and Physiology I in the past 5 years
- 5 year GPA of > 2.75
- Completion of the Online Information Session and score 100% on the quiz
- Statement of Completion

			<u>Lecture</u>	<u>Lab</u>	<u>Credit</u>
PREREQUISITES					
BIO 210		Anatomy and Physiology I	3	3	<u>4</u>
					4
First Semester – Summer					
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>
					12
Second Semester – Fall					
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>
					12
Third Semester – Spring					
RES 150	SP	Clinical Applications I	0	12	4
RES 112	S1	Cardiopulmonary Pathophysiology	3	0	3
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>
					13
Fourth Semester – Summer					
PSY 201		General Psychology	3	0	3
Humanities Elective		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>
					14
Fifth Semester – Fall					
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>
					14
Sixth Semester – Spring					
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>
					12
TOTAL SEMESTER HOURS					81

TRIDENT TECHNICAL COLLEGE'S RESPIRATORY CARE PROGRAM

- Admission is based on a **FIRST-QUALIFIED FIRST-ADMITTED** basis, so students **MUST** ensure they meet General College Admission Requirements and the Respiratory Care Program Admission Requirements.
- The program admits 24 students each summer semester.
- The program is a two-year associate degree program.
- The Respiratory Care program is full time.
- All lecture and lab classes are face-to-face from 8am-5pm on main campus 2-3 days per week.
- Scheduled clinical rotation hours may vary according to site, and may include weekend and night shifts, as well as out of town clinical rotations.
- The student must successfully complete all six semesters of the Respiratory Care program course work in the order shown on the curriculum. *Each course is only offered once per year.*

TRIDENT TECHNICAL COLLEGE'S RESPIRATORY CARE PROGRAM

Here are the steps you will need to take to apply and be accepted for the Respiratory Care program at TTC:

1. Apply to the college as an *Associate in Science - Health Science Prep* major and meet all admission requirements for the college (ex. State-issued photo ID and proof of high school graduation/GED)
2. Request that official college and military transcripts be sent to the TTC Admissions office from all of the institutions you previously attended. These transcripts will be used to review academic history, potential transfer credits, and to help calculate your GPA for the Respiratory Care application. After you submit all official college transcripts, your credits will be evaluated for transfer credit by the Registrar's office.
3. You will then have access to the online health sciences application found here: <https://hsapp.tridenttech.edu/HealthApp/> You can complete that and request the Respiratory Care program.
4. Your application will be reviewed and you will be sent a list of your missing requirements, including
 - a. MAT 102 and BIO 210 with grades of C or higher
 - i. You have the option to request a math placement test. If you score high enough, you could waive the MAT 102 requirement.
 - b. GPA requirement – you need a 2.75 five-year cumulative GPA, which is calculated using only courses completed at your most recently attended institution
 - c. Complete this online information session.
5. While you work on meeting your prerequisites, your application will be held in pending status.
6. Upon completion of your prerequisites, you can submit a [statement of completion form](#). This will begin your review for acceptance into the next available class.
7. You will be “accepted” into the Respiratory Care Program and receive an email from the Health Science Admissions Coordinator. You MUST accept this spot in the program.

TRIDENT TECHNICAL COLLEGE'S RESPIRATORY CARE PROGRAM

Orientation:

- There will be a MANDATORY orientation for the program in May of the year you will begin the program.
- Orientation lasts most of the day and is done in person.
- Be sure you come to orientation prepared with your laptop and pre-orientation packet completed.

NON-ACADEMIC REQUIREMENTS

The following up to date vaccinations are currently required to attend clinic (these are clinical requirements and NOT Trident Technical College requirements):

1. Tetanus within the past 10 years
 2. Measles, Mumps & Rubella (MMR)
 3. Varicella
 4. Hepatitis B series
 5. Meningitis within the past 5 years (waiver may be an option)
 6. COVID series
 7. Annual flu vaccine
- ❖ These are subject to change based on the requirements of each clinical site.



NON-ACADEMIC REQUIREMENTS



- Laptop- all coursework will be done on the computer
- Negative background check
- Negative drug screen
- CPR certification

COSTS ASSOCIATED WITH BEING A RESPIRATORY CARE STUDENT

**THESE COSTS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE*

- AARC membership \$25/ year
- Health Physical \$150(*insurance may pay*)
- Vaccines and titers \$500 (*insurance may pay*)
- TB test \$75
- Medical Insurance \$varies
- BLS (CPR) \$10
- Scrubs \$100
- Stethoscope \$50
- Background check \$40/ year
- Drug screen \$20/ year
- Online Learning for clinic \$15/ year
- Liability Insurance \$40/ year
- Clinical orientation \$40/ year
- Board prep course \$345
- Practice board exams \$130
- Advanced Life Support and Pediatric Life Support \$40
- Limited License \$40

IMPORTANT CONTACT INFORMATION

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THANK YOU

Please be sure you complete the online Quiz and score 100%.

You may take the quiz as many times as you would like.

