

<i>Course</i>	<i>Credits</i>
<b>English</b>	
EN 101 English Composition .....	3
<b>Mathematics</b>	
Mathematics Elective (GenEd course list) .....	3
<b>Social &amp; Behavioral Sciences</b>	
PS 101 General Psychology .....	3
<b>Arts &amp; Humanities</b>	
CMSP 105 Small Group Communication .....	3
<b>Biological &amp; Physical Sciences</b>	
BI 103 Anatomy & Physiology .....	4
BI 104 Anatomy & Physiology .....	4
BI 120 Microbiology for Allied Health.....	4
<b>PE Requirement</b>	1
<b>Departmental Requirements</b>	
RC 100 Introduction to Respiratory Care .....	2
RC 102 Fundamentals of Respiratory Care .....	4
RC 103 Pharmacology.....	3
RC 104 Gas Exchange Physiology.....	2
RC 105 Cardiopulmonary & Renal Anatomy & Physiology.....	3
RC 107 Principles of Mechanical Ventilation .....	4
RC 109 Clinical Practicum I.....	2
RC 110 Clinical Practicum II .....	2
RC 202 Neonatal & Pediatric Respiratory Care .....	3
RC 203 Pulmonary Rehabilitation & Home Care.....	2
RC 204 Cardiac Monitoring & Diagnostics .....	4
RC 205 Professional Seminar.....	2
RC 206 Pulmonary Diagnostics .....	2
RC 207 Cardiopulmonary & Renal Pathophysiology Review .....	3
RC 208 Clinical Practicum III .....	2
RC 209 Clinical Practicum IV.....	2

# RESPIRATORY CARE



**Program Contact:**

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# Respiratory Care

frederick.edu

*Respiratory Therapists care for patients who have trouble breathing—for example, from a chronic respiratory disease, such as asthma or emphysema. Their patients range from premature infants with undeveloped lungs to elderly patients who have diseased lungs. They also provide emergency care to patients suffering from heart attacks, drowning, or shock.\**

## The Program

FCC offers an A.A.S. degree program in respiratory care with an outstanding regional reputation for producing excellent graduates. A 21-month, 67 credit course of study with 900 hours of clinical experience, the Respiratory Care Program prepares students for general careers within the field, and qualifies them to take the National Board for Respiratory Care's entry level and advanced practitioner exams.

## Program Goal

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).

## Learning Outcomes

- Demonstrate professional behavior
- Recommend and perform procedures to maintain the airway, remove secretions, and assure ventilation and tissue oxygenation
- Perform a full physical assessment and provide safe respiratory care
- Promote disease prevention and wellness by educating patients
- Identify educational opportunities
- Provide care without discrimination on any basis
- Obtain the CRT and RRT professional credentials
- Participate as an active member of the American Association for Respiratory Care.

## Technical Standards

- Physical mobility, strength and stamina sufficient to move about on a unit and participate in client care
- Fine motor skills, auditory ability, and visual acuity sufficient to care for client health and safety
- Reading and arithmetic competence sufficient to perform job functions
- Emotional stability
- Analytical thinking for problem solving and prioritizing tasks
- Critical thinking and sound judgement
- Interpersonal skills
- Communication skills sufficient to teach others, explain procedures, and convey information in writing

## Growth Potential & Estimated Salaries\*

Employment of respiratory therapists is projected to grow 12 percent from 2014 to 2024, faster than the average for all occupations. Growth in the middle-aged and elderly population will lead to an increased incidence of respiratory conditions such as chronic obstructive pulmonary disease (COPD) and pneumonia. These respiratory disorders can permanently damage the lungs or restrict lung function. The median annual wage for respiratory therapists was \$56,730 in 2014. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than \$41,380, and the highest 10 percent earned more than \$78,230.

\*Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2016-17 Edition, Respiratory Therapists

## Estimated Total Costs

Tuition:  
• \$16,000 (In County),  
• \$30,000 (Out-of-County),  
• \$50,000 (Out-of-State)  
Travel (to & from clinicals): \$2,000  
Uniform: \$190  
Books: \$2,000  
CPR: \$65  
Vaccinations: \$500  
Exam Review Course: \$365  
Background Check: \$70

## Financial Assistance

FCC provides a tuition payment plan. Scholarship and loan assistance is available for eligible students. In addition to general scholarships, the following are available specifically for respiratory care students:

- Frederick Medical Foundation Scholarship
- Loats Foundation Scholarships
- Respiratory Care Scholarship

## Clinical Sites

Frederick Memorial Hospital, Johns Hopkins Hospital, Medstar Montgomery Medical Center, Saint Agnes Hospital, Shady Grove Adventist Hospital and University of Maryland Medical System

## How to Apply

Visit our website at [www.frederick.edu](http://www.frederick.edu) to complete the online application and to read the admissions criteria point scale. Admission to the program is competitive and by application only.

## Transfer Note

FCC has articulation agreements with the following institutions for students graduating with an A.A.S. in Respiratory Care and who are looking for transfer opportunities. For more information, contact the Counseling & Advising Office at 301.846.2471.

- University of Baltimore—B.S. Health Systems Management
- University of Baltimore at Shady Grove—B.S. Health Systems Management
- Towson University—B.T.P.S Allied Health

## Faculty

Program Director, Rhonda Patterson, and Clinical Director, Rebecca Sonn are both active registered respiratory therapists. Their personal interest, commitment to small class size, and many contacts within the respiratory care field provide you with excellent resources.

Frederick Community College prohibits discrimination against any person on the basis of age, ancestry, citizenship status, color, creed, ethnicity, gender identity and expression, genetic information, marital status, mental or physical disability, national origin, race, religious affiliation, sex, sexual orientation, or veteran status in its activities, admissions, educational programs, and employment. Frederick Community College makes every effort to accommodate individuals with disabilities for College-sponsored events and programs. If you have accommodation needs or questions, please call 301.846.2408. To request a sign language interpreter, please visit <http://fcc-interpreting.genbook.com>. If you have interpreting related questions, please email [Interpreting@frederick.edu](mailto:Interpreting@frederick.edu). Sign language interpreters will not be automatically provided for College-sponsored events without a request for services. To guarantee accommodations, requests must be made at least five workdays in advance of a scheduled event.

**For more information on Respiratory Care:**

**Contact Rhonda Patterson at 301.846.2528 or email [rpatterson@frederick.edu](mailto:rpatterson@frederick.edu)**