

# Respiratory Care, Associate in Applied Science

Respiratory Therapists, also known as respiratory care practitioners, evaluate, treat and care for patients with cardiopulmonary disorders. Graduates of respiratory care programs work closely with patients, doctors, and other healthcare personnel to provide diagnostic testing, therapeutics, education, rehabilitation, monitoring, life support, and other specialized methods of treatment. Achievement of the respiratory care degree requires students to participate in classroom, laboratory, and patient care clinical environments, such as hospitals. Upon completion of the program, students are eligible to sit for the National Board of Respiratory Care (NBRC) Examination.

The Respiratory Care A.A.S. degree is a cooperative program in conjunction with Brookdale Community College. The program meets the needs of students seeking licensure and employment in the community as Registered Respiratory Therapist. The 73 credit program is offered in two (2) phases. Students are able to complete the first or pre-professional phase of the program at Atlantic Cape with the second phase or the professional phase of the program completed at Brookdale. The pre-professional phase offered at Atlantic Cape includes 31 credits of general education, mathematics, and science courses. The professional phase of the program is 42 credits with respiratory care courses occurring at Brookdale once a year in a four-semester course sequence. For additional information visit the Brookdale Community College Respiratory Care program website at <https://www.brookdalecc.edu/health-sciences-institute/respiratory-care-clarus/>.

The Brookdale Community College Respiratory Care Program is accredited by the Commission on Accreditation for Allied Health Education Programs (CAAHEP) in cooperation with the Committee on Accreditation for Respiratory Care (CoArc), 1701 West Eules Blvd., Suite 300, Eules, TX 76040, (817) 283-2835.

A dual application is required for this degree. Admission to the professional phase of the program requires that all Atlantic Cape pre-professional phase coursework be completed with a grade of "C" or better by the end of the Winter semester for fall admission. Students are to notify the Assistant Dean, Nursing & Health Sciences by January 1 of their intent to apply. All classes must be completed and appear on an Atlantic Cape transcript. As part of the admission process, student will need to pass a standardized Health Science entrance exam and a criminal history background check prior to admission to the Brookdale Respiratory Care program. The application is available on the Health Sciences Admissions section of Brookdale's website at <https://www.brookdalecc.edu/academic-institutes-and-departments/health-sciences/>.

Acceptance to the Respiratory Care course sequence (professional phase) is competitive as Atlantic Cape is allotted a minimum of three student spaces annually. Student selection for the professional phase of the program is based on the GPA of the required first year or pre-professional phase. **Completion of the pre-professional phase at Atlantic Cape does not guarantee admission to the professional phase at Brookdale.**

Students are responsible for meeting any additional requirements at Brookdale Community College including the physical examination for admission to the clinical education component.

**Upon completion of this program students will be able to:**

- Assess, analyze, implement and evaluate respiratory care;
- Perform respiratory quality control activities;
- Apply basic principles of management in the care of groups of patients;
- Exhibit therapeutic communication skills;
- Incorporate ethical/legal considerations into the respiratory action plan;
- Practice as a member of a diverse interdisciplinary health care team;
- Continue personal and professional growth;
- Incorporate principles from the social sciences, biologic sciences and humanities into their practice;
- Practice within the limits and scope of a licensed respiratory therapist.

(RESC-Fall 2022)

## Atlantic Cape Community College Courses

### Pre-Professional Phase - 31 credits

## General Education Courses - Communication

Course #	Title	Credits
ENGL101	Composition I	3
ENGL102	Composition II	3

## Mathematics-Science-Technology

Course #	Title	Credits
BIOL220	Human Anatomy and Physiology I	4
BIOL221	Human Anatomy and Physiology II	4

## Social Science

Course #	Title	Credits
PSYC101	General Psychology	3

## Humanities

Course #	Title	Credits
	General Education Humanities Course (3 credits)	3

## Program Courses

Course #	Title	Credits
BIOL250	Microbiology	4
CHEM100	Introduction to College Chemistry	4
HESC110	Comprehensive Medical Terminology	3

## Brookdale Community College Respiratory Therapy Courses

### Professional Phase – 42 credits

*All professional phase coursework is completed through Brookdale Community College.*

## Program Courses

Course #	Title	Credits
RESP161	Cardiopulmonary Anatomy & Physiology	3
RESP162	Fundamental Skills in Respiratory Care	7
RESP163	Cardiopulmonary Physiology	4
RESP164	Patient Assessment and Diagnosis	6
RESP165	Advanced Life Support and Emergency Care	2
RESP261	Neonatal & Pediatric Respiratory Care	2
RESP262	Adult Critical Care	7
RESP263	Subacute Respiratory Care	2
RESP264	Respiratory Care Practices	7
RESP265	Issues in Respiratory Care	2

**Total Credits**

**73**

## Recommended Sequence of Courses

### Pre-Professional Phase - First Year

## Atlantic Cape Community College Courses

### Summer

Course #	Title	Credits
CHEM100	Introduction to College Chemistry	4

### First Semester - Fall

Course #	Title	Credits
ENGL101	Composition I	3
PSYC101	General Psychology	3
BIOL220	Human Anatomy and Physiology I	4
HESC110	Comprehensive Medical Terminology	3

### Second Semester - Spring

Course #	Title	Credits
ENGL102	Composition II	3
BIOL221	Human Anatomy and Physiology II	4
BIOL250	Microbiology	4
	General Education Humanities Course (3 credits)	3

### Professional Phase - Second Year

## Brookdale Community College Courses

## Third Semester - Fall

Course #	Title	Credits
RESP161	Cardiopulmonary Anatomy & Physiology	3
RESP162	Fundamental Skills in Respiratory Care	7

## Fourth Semester - Spring

Course #	Title	Credits
RESP163	Cardiopulmonary Physiology	4
RESP164	Patient Assessment and Diagnosis	6
RESP165	Advanced Life Support and Emergency Care	2

## Fifth Semester - Fall

Course #	Title	Credits
RESP261	Neonatal & Pediatric Respiratory Care	2
RESP262	Adult Critical Care	7

## Sixth Semester - Spring

Course #	Title	Credits
RESP263	Subacute Respiratory Care	2
RESP264	Respiratory Care Practices	7
RESP265	Issues in Respiratory Care	2