

Respiratory Care

Associate Degree • Delaware Technical & Community College • www.dtcc.edu

The Respiratory Care program prepares students to become advanced practitioners in the fast-growing field of cardiopulmonary science. Respiratory therapists care for a diverse group of patients ranging from newborn and pediatric patients to adults and the elderly. This dynamic profession enables graduates to work in a variety of health care environments including hospitals, diagnostic laboratories, emergency rooms, and home care.

What You'll Learn...

- Cardiopulmonary physiology and pathophysiology
- Pharmacology theory and administration of cardiopulmonary drugs
- Medical gas and humidity therapy
- Chest physical therapy
- Adult and pediatric mechanical ventilation
- Arterial and venous sampling and interpretation of lab values
- Application for patient management
- Electrocardiography and ECG interpretation

What You'll Earn...

- Employability in an exciting career
- Flexible work schedules
- Excellent salary potential starting at \$32,000
- Recognition, respect and appreciation while helping others

What You Can Do...

- Respiratory therapist
- Pulmonary function technologist
- Cardiopulmonary care educator
- Advanced respiratory care practitioner

RESPIRATORY CARE TECHNOLOGY

Respiratory Care is the allied health profession that cares for patients with deficiencies and abnormalities of the cardiopulmonary system. As one of the most dynamic allied health fields, respiratory care provides excellent career opportunities and salaries competitive with other allied health professions. A respiratory therapist is a respected member of a health care team.

In 2002, the Delaware Dept. of Labor projected employment for respiratory therapists to increase much faster than the average for all occupations through the year 2010. This increase in demand is due to the expected substantial growth of the elderly population and increases in the number of patients with asthma and chronic lung disease.

PROGRAM FACTS

- Nationally accredited by the Committee on Accreditation for Respiratory Care
- Listed as one of the fastest-growing professions – the need for respiratory therapists is expected to increase 34.8% nationwide
- Employment placement rate of 100% for graduates
- 100% pass rate on entry-level exam given by the National Board for Respiratory Care

PROGRAM EFFECTIVENESS

The program is committed to providing quality instruction that leads to successful entry into the profession. Program effectiveness is continuously measured through established outcomes assessment methods. Modalities implemented include licensure pass rates, graduate and employer satisfaction indices, and other measurement instruments. Results from these measurements are used for continuous program improvement.

DELAWARE TECH

Delaware Technical & Community College

Jack F. Owens Campus

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www.dtcc.edu

REQUIRED TECHNICAL COURSES

HLH 120	Pharmacology
RCT 130	Introduction to Respiratory Care
RCT 140	Pulmonary Physiology
RCT 231	Respiratory Care Procedures I
RCT 232	Respiratory Care Procedures II
RCT 241	Pulmonary Pathophysiology I
RCT 242	Pulmonary Pathophysiology II
RCT 210	Neonatal & Pediatric Respiratory Care
RCT 244	Cardiopulmonary Assessment & Rehabilitation
RCT 251	Clinical Respiratory Care I
RCT 252	Clinical Respiratory Care II
RCT 253	Clinical Respiratory Care III

OTHER COURSES

BIO 120	Anatomy and Physiology I
BIO 121	Anatomy and Physiology II
ENG 121	Composition
ENG 122	Technical Writing & Communication
CHM 110	General Chemistry
MAT 153	College Math & Statistics
RDG 120	College Reading (if required)
	6 credits in Humanities/Social Science

HOW TO BEGIN –

1. Submit an Application for Admission with a one time, non-refundable application fee. Make check or money order payable to *Delaware Technical & Community College*. Applications may be requested by phone (302-856-5400, ext. 6010) or mail, via the Web, or from a high school counselor.
Applications may be printed from the Web at www.dtcc.edu/all/forms.
2. Develop a financial plan to identify resources (financial aid/SEED/other scholarships) to help pay for college.
3. Request that your official high school, GED and/or college transcript be sent immediately to the Admissions Office.
4. Participate in the college testing and placement program, if required. Official SAT/ACT tests taken within the last five years may be submitted to satisfy this requirement.
5. Arrange an appointment for an acceptance interview with a counselor after taking the placement test.
6. Meet for advisement to discuss the curriculum and select courses for registration.