

School of Health Sciences

Ivy Tech Eastern Indiana Respiratory Care Educational Consortium

Respiratory Therapy Program

Associate of Science Degree

Getting Started!



*Ivy Tech Community College
Health Sciences Department
Respiratory Therapy Program
3325 S. Memorial Drive
New Castle, IN 47362*

<http://www.ivytech.edu/muncie>

<http://www.ivytech.edu/richmond>

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Ivy Tech is an accredited, equal opportunity, affirmative action institution of higher education.

Ivy Tech Community College

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Respiratory Therapy Program

A CAREER IN RESPIRATORY:

Do you enjoy helping people? Do you enjoy working with technology? Do you want a career with variety? Do you want a career with job advancement? If you answered yes, then Respiratory Therapy may be the career for you.

Respiratory Therapists are health care specialists who provide care for patients with breathing disorders. Care includes assessment, evaluation, and treatment of patients ranging in age from premature infants to the elderly. Therapists also work with adults who have chronic lung problems, such as asthma or emphysema.

Respiratory therapists possess good communication skills. Respiratory therapists work side by side with physicians, nurses and other health care providers in caring for patients with lung disorder. As part of the health care team, respiratory therapists help with interviewing patients, making recommendations to physicians to change therapy based on their assessments, and providing patient & family education about lung disease.

CAREER OUTLOOK:

The need for respiratory therapists is expected to grow faster than the national average for all jobs. While U.S. employment in general is forecast to increase by 15 percent, the need for respiratory therapists will grow by up to 26 percent. As the number of older Americans increase, the need for respiratory care will increase as well. Additionally, as new treatment advances are made for heart attack and accident victims, premature babies, and AIDS patients, an increased demand for Respiratory Therapists will be created.

LIFE AND BREATH VIDEO:

This video shows the roles and responsibilities of respiratory care practitioners and interviews with real-life therapists, students, and physicians, and shows the various work settings and types of patients, as well as educational requirements. To view this video, go to www.aarc.org, on the left hand side of the home page, click on the “careers” link. Scroll down to the bottom of the page and click on “**Life and Breath Video**”.

We strongly encourage you to shadow (2) Hospital sites prior to applying to the program. This will give you an opportunity to ask questions and observe what a respiratory therapist job responsibilities and duties.

Other videos to watch:

- Career Ladder for Respiratory Therapists
<http://www.ivytech.edu/northeast/ladders/respiratory.html>
- Who is a Respiratory Therapist?
<http://www.youtube.com/watch?v=QOd7ySsgPkA&feature=share>

DEGREE:

The Associate of Science Respiratory Therapy Program curriculum consists of 71-75 required credit hours. Students applying to this integrated two-year program must have completed Anatomy and Physiology I, Anatomy and Physiology II, Mathematics Elective, Introduction to Chemistry I, General Microbiology and English Composition. The Associate of Science degree is awarded upon completion of the required 25-29 general education credits and 46-technical course credits.

PREREQUISITE COURSES:

- APHY 101
- ENGL 111
- APHY 102
- MATH 1XX

SELECTION PROCESS:

Students must complete the above prerequisite courses, point values will be given dependent on the grade earned in the course. The students **Cumulative GPA's from Ivy Tech will be added to the points achieved in the required prerequisite courses.** Cumulative GPA's will be taken to two decimals. No GPA's will be added in for students transferring all credits from another institution. All students interested in the RESP Care Program must also attend an information session in order to be eligible to apply.

POINT VALUES for PREREQUISITE CLASSES

| | |
|----------|----|
| A | 20 |
| B | 15 |
| C | 10 |
| D | 5 |

APPLICATION DEADLINE – September 1st

Completed application packets are due on or before September 1st. All Prerequisites must be completed before the application deadline.

PROGRAM ADVISOR:

For Program advice, you may contact Darlisha Averitte, Program Chair, 765-599-2613 ext. 4015, or Tracie Hopson, Director of Clinical Education, 765-599-2613 ext., 4018 To view the complete Guide to Admissions for the Respiratory Therapy Program, visit the website at www.ivytech.edu and click on Degree Programs, then click on Health, then choose Respiratory Therapy, you can click on locations then choose Henry County/New Castle and/or Richmond and then Respiratory Therapy Information and Application Process.

ACCREDITATION:

The Ivy Tech Eastern Indiana Respiratory Care Educational Consortium, Ivy Tech Community College Indiana- East Central & Richmond, holds a Certificate of Accreditation from the Commission on Accreditation for Respiratory Care (www.coarc.com). Ivy Tech Community College is accredited by the Higher Learning Commission and a member of the North Central Association.

Ivy Tech Community College provides open admission, degree credit programs, courses and community service offerings, and student support services for all persons regardless of race, color, creed, national origin, religion, sex, physical or mental disability, age or veteran status. The College also provides opportunities to students on the same non-discriminatory opportunity basis. Ivy Tech Community College is an accredited, equal opportunity/affirmative action institution.

C. RESPIRATORY THERAPY CURRICULUM

In order to be accepted into the Respiratory Therapy Program, students must have their prerequisites courses Math, Science and English courses completed. Due to the completion of these required general education courses, students who enroll into the Respiratory Care Program are considered “part time” and will need to follow the part time course outline.

Respiratory Therapy Curriculum Ivy Tech Eastern Indiana Respiratory Care Educational Consortium

| <u>Course</u> | <u>Title</u> | <u>Credit hours</u> |
|---|--|----------------------|
| Prerequisite Courses - 12 Credits | | |
| ENGL 111 | English Comp | 3 |
| MATH 123 | Quantitative Reasoning or higher | 3 |
| APHY 101 | Anatomy & Physiology I | 3 |
| APHY 102 | Anatomy & Physiology II | 3 |
| General Education Requirements - 17-20 Credits | | |
| PSYC 101 or | Introduction to Psychology or | 3 |
| SOCI 111 | Introduction to Sociology | |
| COMM 101 or | Fundamentals of Public Speaking or | 3 |
| COMM 102 | Interpersonal Communications | |
| IVY 1XX | Life Skills Elective | 1-3 |
| CHEM 1XX | Chemistry | 3-4 |
| BIOL 201 | General Microbiology | 3 |
| BIOL 211 | Microbiology I | 4 |
| Total General Education Requirements | | 29-32 Credits |
| Professional Courses - 46 Credits | | |
| Spring: | | |
| RESP 101 | Assessment and Caring for a Respiratory Patient | 6 |
| RESP 103 | Cardiopulmonary Anatomy and Physiology | 3 |
| RESP 106 | Cardiopulmonary Pharmacology | 3 |
| | | 12 Credits |
| Summer: | | |
| RESP 102 | Advanced Assessment and Care of a Cardiopulmonary Patient | 3 |
| RESP 105 | Cardiopulmonary Pathophysiology | 3 |
| RESP 107 | Clinical Applications of Assessment and Caring for a Respiratory Patient | 2 |
| | | 8 Credits |
| Fall: | | |
| RESP 104 | Concepts in Adult Critical Care (1 st 8 weeks) | 3 |
| RESP 108 | Clinical Applications in Advanced Assessment and Care of a Cardiopulmonary Patient (1 st 8 weeks) | 2 |
| RESP 202 | Pediatric and Neonatal Advanced Critical Care (2 nd 8 weeks) | 3 |
| RESP 206 | Clinical Applications and Concepts in Critical Care I (2 nd 8 weeks) | 2 |
| | | 10 Credits |
| Spring: | | |
| RESP 207 | Clinical Applications and Concepts in Critical Care II | 3 |
| RESP 201 | Advanced Concepts in Cardiopulmonary Diagnostic Procedures | 4 |
| RESP 204 | Extended Care for the Cardiopulmonary Patient (hybrid) | 2 |
| RESP 203 | Advanced Emergency Management | 1 |
| | | 10 Credits |
| Summer: | | |
| RESP 205 | Advanced Respiratory Care and Comprehensive Review | 3 |
| RESP 207 | Advanced Clinical Applications in Critical Care and Specialty Rotations | 3 |
| | | 6 Credits |
| Total Program Credit Hours | | 71-75 Credits |