

# School of Health Sciences

## Respiratory Care Program

Associate of Science Degree

### Ivy Tech Community College of Indiana

200 Daniels Way  
Bloomington, IN 47404

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

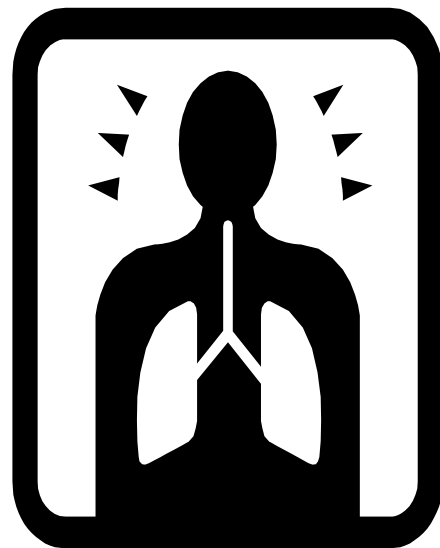
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Revised 08/2011

# Information and Application Packet



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

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## **BOOKLET DISCLAIMER**

**This booklet is intended to supply accurate information to the reader. The College reserves the right to change the Program and course requirements; however, every effort will be made to inform students of any program changes. This handout and its provisions are not in any way a contract between an applicant and the College.**



## A Career in Respiratory Care

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 Care 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. Respiratory therapists are critical thinkers. As part of a high-paced health care team, they must be able to react quickly to changes in a patient's condition.

Respiratory therapists are good at working with technology. They manage life support equipment and artificial airways for patients who can't breathe on their own.

Respiratory therapists are present during high-risk deliveries, where a premature infant may be at risk for breathing complications. When accident victims lose the ability to breathe on their own, respiratory therapists help administer lifesaving oxygen.

### **Career Outlook:**

According to the [U.S. Bureau of Labor Statistics](#), employment of respiratory therapists is expected to increase faster than average over the next decade, primarily because the aging baby boom generation will increase the number of older people, who tend to suffer the most from respiratory conditions like pneumonia and COPD and who often have respiratory complications due to heart disease and other common diseases of aging.

While U.S. employment in general is forecast to increase by 15 percent, the need for RTs will grow by up to 26 percent!

With demand for RTs on the rise, salaries are following suit. According to the 2009 Human Resources study from the AARC, the projected average annual earnings of RTs working in the U.S. is \$62,223. In this study, and depending on the area of the country, therapists just beginning their careers reported average annual earnings ranging from \$42,078-\$47,297.

### **Earnings:**

The average salary in Indiana is approximately \$50,000 (2009). This according to The Indiana Workforce and Development.

### **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." ([www.aarc.org](http://www.aarc.org))

To view this video, go to [www.aarc.org](http://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.**"

# Ivy Tech Community College of Indiana - Bloomington

## **Respiratory Care Program Curriculum** (updated August 2011)

<u>Prerequisites</u>	<u>Credits</u>
APHY 101 Anatomy & Physiology 1	3
APHY 102 Anatomy & Physiology 2	3
MATH 1XX Math	3
BIOL 2XX Microbiology	3-4
CHEM 1XX Chemistry	3-4
ENGL 111 English Composition	3
PSYC 101* Psychology	3
COMM 101** Interpersonal Communications	3
IVYT 1XX Life Skills Course	1

\* SOCI 111 may be substituted for PSY 101

\*\* COMM 102 may be substituted for COM 101

<u>Semester 1 (Fall)</u>	<u>Credits</u>
RESP 121 Intro to Respiratory	6
RESP 123 Cardiopulmonary ANP	3
RESP 129 Pharmacology	3

<u>Semester 2 (Spring)</u>	<u>Credits</u>
RESP 122 Therapeutics	3
RESP 134 Clinical Application 1	2
RESP 126 Clinical Med 1	3
RESP 125 Critical Care 1	3

<u>Semester 3 (Summer)</u>	<u>Credits</u>
RESP 222 Critical Care 2	3
RESP 137 Clinical Application 2	2
RESP 229 Emergency Management	1

<u>Semester 4 (Fall)</u>	<u>Credits</u>
RESP 218 Clinical Applications in Critical Care	5
RESP 221 Cardiopulmonary Diagnostics	4

<u>Semester 5 (Spring)</u>	<u>Credits</u>
RESP 224 Clinical Med 2	3
RESP 226 Continuing Care	2
RESP 237 Clinical Applications in Advanced Critical Care And Specialty Rotations	3

Ivy Tech is accredited by The Higher Learning Commission of North Central Association of Colleges and Schools to award Associate degrees. The Respiratory Care Program is accredited by the Commission on Accreditation for Respiratory Care, CoARC, 1248 Harwood Road; Bedford, Texas 76021-4244; 817-283-2835; [www.coarc.com](http://www.coarc.com)

**IVY TECH COMMUNITY COLLEGE  
SCHOOL OF HEALTH SCIENCE PROGRAMS  
ADMISSION SELECTION PROCEDURES**

**PROGRAM:**           **Respiratory Care**

**Application to the Respiratory Care Program**

- Attend a required program information session and/or meet with a program advisor; contact an academic/program advisor for campus-specific advising requirements.
  
- **The following prerequisites must be completed prior to enrollment into the technical/professional component of the Respiratory Care program.**

**Program course prerequisites:**

- APHY 101
  - APHY 102
  - BIOL 2XX (201 or 211)
  - CHEM 1XX (101 or 111)
  - MATH 1XX
  - ENGL 111
- 
- **Program Admission Test:** Take the ‘Test of Essential Academic Skills’ (TEAS V)
    - Refer to campus-specific instructions to register for and to complete the TEAS.
    - The TEAS may be taken up to two times in a two-year period regardless of the testing location.
    - The two test attempts/dates must be at least 30 days apart.
    - The student must pay the approved testing fee each time.
    - Scores will be valid for two years from the initial TEAS test date.
    - The TEAS has four parts: reading, English, math and science.
    - The “Adjusted Individual Total Score” is used for determination of points for the program selection procedure (see ‘Selection Policy’ information below).
    - The cost of the TEAS test is \$40.00 per attempt
    - All students must take version V of the TEAS, version IV will not be accepted

**To obtain TEAS V info/official study guide**

[\(http://www.atitesting.com/ati\\_store/\)](http://www.atitesting.com/ati_store/)

**Program Application:** Submit a program application on or before the established deadline.

- Contact an academic/program advisor for campus-specific information about application requirements. This may include an applicant information sheet, TEAS scores, unofficial transcripts from all colleges
- Deadline for submitting application materials:
  - Fall admission: March 1
  - Preference is given to program applications submitted by the stated deadline; but if necessary, the deadline may be extended to fill class seats.

- **Selection Policy:** When the program receives more qualified applicants than the number of seats available, a point system is utilized to determine admission to the program.
  - Total points determine the rank of applicants. Subsequently, seats are offered to the highest rank on down until all seats are filled, the number of which are based on clinical site availability.
  - Students meeting the stated application deadline are ranked utilizing this point system at the end of spring semester.
  - Acceptance letters are mailed by June 1<sup>st</sup>.
  - **Points for program prerequisite courses (maximum 120)**
    - **A = 20 points; B = 15 points; C = 10 points D = 5 points**
    - APHY 101
    - APHY 102
    - BIOL 2XX (201 or 211)
    - \*CHEM 1XX (101 or 111)
    - \*MATH 1XX
    - \*ENGL 111
    - \*Points awarded for CLEP or DANTEs test-out credit = 10 points.
    - For fall admission, courses must be completed by the end of the previous spring semester to count in the point system
  - **TEAS test points – maximum 100 points**
    - Points taken from the ‘Adjusted Individual Total Score
  - **Tie Breaker** – Cumulative GPA (to 2 decimal points)
- Other courses that will be required **in order to graduate** are:  
 COMM 101 or COMM 102  
 PSYC 101 or SOCI 111  
 IVYT 1XX

### **Acceptance Process**

1. The students with the 12 highest rank scores will receive a **Letter of Acceptance**. The number of students receiving letters of acceptance is dependent on the number of clinical slots available and is subject to change.
2. Students must return a **Letter of Intent** indicating whether they accept or decline admission. The **Letter of Intent must** be returned by the date stated in the letter. The student must also return the signed **Informed Consent** by the date stated in the letter. Since the program is competitive, students who do not return their **Letter of Intent** or **Informed Consent** by the deadline will forfeit their position and the next person on the list will be accepted in their place.

3. A **Mandatory Orientation Session** will be held for students who are accepted into the program. Students must reply indicating intent to attend the Mandatory Orientation Session by the date stated in the letter. Students who do not attend the orientation session will forfeit their position and the next person on the waiting list will be accepted in their place
4. Students who are not admitted to the program or who decline admission must reapply and meet the current application requirements at that time. They are not given preferential consideration.

### **Students Who Were Not Accepted**

1. Students who were not offered a position due to their rank score will receive a letter stating weak areas that the student may choose to work on and reapply to the program at the next opportunity.
2. No further letters will be sent **except** if a position becomes available.
3. In the event a position opens, the program faculty will call the first person on the list immediately and offer them a position followed by a written letter of acceptance.
4. Students on the list could be called throughout the summer if openings become available.
5. If a position does not become available, the student will need to reapply and follow the admission standards for the year in which they are re-applying.

## **General Clinical Affiliate Information**

The required clinical courses for the respiratory care program are conducted at a variety of clinical affiliates. The list of clinical affiliates may change to meet the needs of the program. Students must provide their own transportation and gas to their clinical experience. Transportation is not provided by the college.

Students in the program will receive a Clinical Handbook which details all the policies and procedures relating to the hospital clinical component. The information below is intended to give students a brief overview of clinical requirements and does not replace the Clinical Handbook.

In choosing a career in Respiratory Care students will be expected to follow professional dress code requirements and professional and academic code of conduct and behavior. Specific uniform requirements and health forms will be given to students when they are admitted in the program.

For patient safety, prior to the start of the student's clinical experience, hospitals require all students to have the following:

- A physical exam
- Up-to-date immunizations
- Annual two-step TB test
- Hepatitis B vaccine (recommended but not required)
- Annual health care provider's CPR certification through the American Heart Association
- Criminal background check
- Drug screening
- Annual Universal Precautions, Fire Safety, and HIPAA Privacy Rule training

**Please note that health forms and due dates for submitting documentation of the above immunizations and screenings will be distributed at the mandatory summer orientation meeting for students who have been accepted into the program.**

Further, hospitals have very strict rules regarding body jewelry, tattoos, and artificial nails, which are as follows:

- Tattoos must not be visible
- Only one earring per ear lobe is allowed no larger than the size of a nickel
- All visible body jewelry including tongue piercing must be removed
- Artificial nails and bonding agents are prohibited



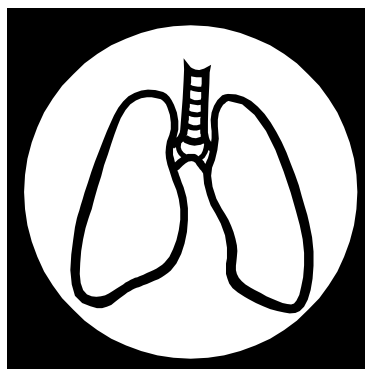
## Ivy Tech Community College North Central Respiratory Care Program

### Hospital Job Shadow Sites

It is strongly recommended that prospective students complete a Job Shadow at a hospital of their choice. Job shadowing is the best way to see first hand what the profession entails and also provides an opportunity for the student to ask questions.

You can contact any hospital to make arrangements to visit. Most hospitals require a current TB skin test within 6 months of the visit. If needed, TB skin tests can be obtained through the health department for a nominal fee.

Please wear professional attire for your visit such as casual dress slacks or skirt, shirt or blouse with sleeves, and closed-toe low-heeled shoes. Examples of **clothing that is unacceptable**: sandals, flip-flops, spiked-heeled shoes, sleeveless shirts or blouses, tank tops, t-shirts with iron-on decals, shorts, and/or jeans. Please complete the form below during the site visit and return it with your application packet.





***Ivy Tech Community College – Respiratory Care  
Program***

***Applicant Hospital Shadow Form***

**Applicant Name** \_\_\_\_\_

**Healthcare Facility** \_\_\_\_\_

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<b>Date</b>	<b>Arrival Time</b>	<b>Departure Time</b>
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**Verifying Respiratory Therapist Signature and Credentials**

***TIPS FOR SUCCESS:***

1. Professional dress and standards of behavior are required.
2. Arrive 15 minutes prior to the set time for your appointment.
3. Refrain from wearing perfume/cologne/hair spray/body sprays...

Return this completed and signed form with your application packet to:

Jennifer Purdue, MA, RRT-NPS, RN, AE-C, CLNC  
Respiratory Care Program  
Program Chair  
Ivy Tech Community College  
200 Daniels Way  
Bloomington, Indiana 47404

OR

Sasha McKinney, BS, RRT  
Respiratory Care Program  
Director of Clinical Education  
Ivy Tech Community College  
200 Daniels Way  
Bloomington, Indiana 47404



200 Daniels Way  
Bloomington, IN 47404  
**Application for Respiratory Care Program**  
**Due March 1st**

<b>Name:</b>		
<b>Student ID Number: C</b>		
<b>Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip Code:</b>
<b>Home Phone Number:</b>		
<b>Secondary Phone Number:</b>		
<b>Email Address:</b>		

**I am applying for admission into to the Respiratory Care Program. I understand that the program is competitive and I must first be accepted. I have completed or am in the process of completing the required six (6) prerequisite courses.**

\_\_\_\_\_  
**Applicant's Signature**

\_\_\_\_\_  
**Date**



## Respiratory Care Program

### Application Checklist

- \_\_\_\_\_ Attend a mandatory information session or contact program faculty to set up an appointment for general education advising.
- \_\_\_\_\_ Complete the required six prerequisite courses by the end of the spring semester for which you are applying.
- \_\_\_\_\_ Arrange a hospital visit to job shadow a respiratory therapist (strongly recommended).
- \_\_\_\_\_ Complete the TEAS test by March 1<sup>st</sup> of the year the student wishes to apply.
- \_\_\_\_\_ Submit **Respiratory Application Form, TEAS Test Scores & Unofficial Transcripts** to the Respiratory Care Program Chair by **March 1st**. Ensure all transfer credit is on your Ivy Tech transcript.



## Estimated Expenses for the Respiratory Care Program

Tuition:	71 Credits at \$107.80 (in-state) per credit hour	**\$7,653.80
Physical Exam:	Cost varies	*Variable
Hepatitis B Vaccine:	Cost varies	*\$150 – 200
Immunizations:	Costs vary depending on need	*Variable
CPR:	Certification for Health Care Providers	\$60
Exams:	Mock CRT, RRT, and Clinical Simulation	\$150
DataArc	Competency Documentation Software	\$60
Laboratory Kits:	Costs may vary each year	\$125
Uniforms:	Scrubs and lab coat, shoes, & patch (variable)	\$80 (ea set)
Supplies:	Stethoscope, calculator, pen light bandage scissors, watch with second hand (variable)	\$60
Criminal Check:	Certified Background Check	\$83
Books:	Prices vary from semester to semester	*\$2,000
Technology Fee:	7 semesters at \$60 (full-time status) Add \$60 for each additional semester	**\$420
Transportation & Gas:	Cost varies	Variable

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\*\*\*\$11,000.00

\*Medical expenses vary depending on facility and type of insurance plan coverage.

\*\*Tuition, books and technology fees are estimated based on current scale for in-state residents. Cost does not reflect remedial courses, if required.

\*\*\*Total estimated cost does not include all the variable items listed