

**IVY TECH COMMUNITY COLLEGE  
LAKE COUNTY CAMPUS  
SCHOOL OF HEALTH SCIENCES**

**Respiratory Therapy Program  
Associate of Science Degree**

**Information and Application Packet  
Academic Year 2018-2019**

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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 Therapy

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

Respiratory therapists work under the direction of a physician and assist in the diagnosis, treatment, and management of 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 disorders, 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 disorders. As part of the health care team, respiratory therapists interview patients, make recommendations to physicians to change therapy based on their assessments, and provide patient and family education regarding lung disease.

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

Respiratory therapists love to work 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:**

The need for respiratory therapists is expected to grow faster than the national average for all jobs. 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.

### **Earnings:**

A respiratory therapist median salary in Indiana is approximately \$25.90 per hour (EMSI, June 2017). Please visit the U.S. Dept. of Labor's Bureau of Labor Statistics website at [www.bls.gov](http://www.bls.gov) and the Indiana Department of Workforce Development website at [www.in.gov/dwd](http://www.in.gov/dwd) for additional information.

### **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). Click on the "careers" tab, "**Life and Breath Video.**"

### **Academic Features:**

An associate of science degree in Respiratory Therapy requires a minimum of two years to complete. Students may complete the prerequisite courses on a part-time basis. The professional portion of the program requires a full time commitment.

**Program Goals and Purposes:**

The goal of the respiratory therapy program is 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.

The purpose of the respiratory therapy program is to provide graduates who can fulfill the following:

- Recognize, adapt to and assist in the changing health requirements of the community.
- Appreciate the worth of human life.
- Establish effective communication skills/relationships with members of other disciplines, patients, and their families.
- Assist the physician in the treatment, management, diagnostic testing, control and care of patients with disease/disorders associated with the cardiopulmonary system.

## **Admission Selection Procedures**

Ivy Tech is an open-admission college. However, admission to the Respiratory Care Practitioner Program is selective. Admission to the College does not guarantee admission into the program.

**Step 1: Admission into the College**

Students must first be officially admitted to the college. Contact the Office of Student Affairs for College admission requirements.

Student must complete any academic skills advancement courses identified by the ACCUPLACER Assessment exam.

**STEP 2: Admission to the Respiratory Therapy Program**

- Attend a required program information session PRIOR to the May 15<sup>th</sup> deadline. (2 sessions/semester)
- **The following prerequisites must be completed prior to enrollment into the technical/professional component of the Respiratory Therapy program. (END OF SPRING SEMESTER FOR FALL START DATE)**

**Program course prerequisites:**

- APHY 101
  - APHY 102
  - MATH 123 (MATH 118 accepted)
  - ENGL 111
- **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 will include an application form and Ivy Tech Community College's unofficial transcripts.
    - Deadline for submitting application materials:
      - Fall admission: May 15<sup>th</sup>
      - Preference is given to program applications submitted by the stated deadline and a mandatory information session attended; 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, with an information session attended, are ranked utilizing this point system at the end of spring semester.
  - Acceptance letters will be mailed by June 15<sup>th</sup>
  - **Points for program prerequisite courses (maximum 80 points)**
    - **A = 20 points; B = 15 points; C = 10 points D = 5 points; W, F and FW all=0 points.**
    - (The college considers W, F, FW as attempts and includes them in the maximum time frames.)  
All points will be awarded based the students' grades for courses they have attempted and/or completed. For example, if the student has taken APHY 101 three times and has been awarded a "W" on their first attempt, a "F" grade on their second attempt and a "B" on the third attempt, the points will be as follows: W=0, F=0, and B=15 all three will be totaled and then averaged. In this example your total would be 15 points, however when you divide by the number of attempts you will actually be awarded a total of 5 points for APHY 101 in the selection process.
    - APHY 101  
APHY 102  
MATH 123  
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
  - **Cumulative GPA from Ivy Tech will be added to your points achieved in the required prerequisite courses.** Cumulative GPA will be taken to two decimals. No GPA's will be added in for students transferring all credits from another institution
  - **Bonus Points**
    - Maximum 5 bonus points for a grade of C or higher when completing the required BIOL (201 or 211) course no later than the end of the previous Spring semester
    - Maximum 5 bonus points for a grade of C or higher when completing the required CHEM 1XX course no later than the end of the Spring semester.
- **Tie Breaker**
  - 1 point for each work experience certification with current license: LPN / RN; Military Medics; EMT / Paramedic
- Students meeting the stated application deadline are ranked utilizing this point system at the end of spring semester.
- Acceptance letters are mailed no later than June 15<sup>th</sup>

**For fall admission, courses must be completed by the end of the previous spring semester to count in the point system**

- \*\* An average will be taken for all attempts for pre-requisite courses only \*\*
  - Cumulative GPA of 2.0 – cumulative GPA to the hundredth place will be added to points awarded for the 4 prerequisites listed above.
  - If two students have the same point value, one point will be given for each work experience that is supported with a current valid license. For example:
    - EMT or Paramedic
    - LPN or RN
    - Military Medic
  
- Other general education courses that will be required in order to graduate are:
  - BIOL 201 or 211
  - CHEM 1XX
  - COMM 101 or 102
  - PSYC 101 or SOCI 111
  - IVYT 1XX (1 credit hour)

**Step 3: Acceptance Process**

- A. Students with the highest rank score will receive a **Letter of Acceptance** and an **Essential Functions Form/Certification Statement** to their home residence. (College database address). The number of students receiving letters of acceptance is dependent on the number of clinical slots available.
- B. The **Essential Functions Certification Statement** will be signed and returned at the Orientation Session.
- C. The **Mandatory Orientation Session** will be held for students who are accepted into the program. This session is commonly held in the middle of July. Students who do not attend this orientation session will automatically forfeit their admission into the program and the next student with the highest ranking who is waitlisted, will be contacted through their Ivy Tech email address/phone.
- D. Students who are not admitted to the program or who decline admission must reapply and are not given preferential consideration.

**Ivy Tech Community College of Indiana  
Respiratory Therapy Program Curriculum Sequencing**

| <b>Prerequisites</b> |                        | <b>Credits</b> |
|----------------------|------------------------|----------------|
| APHY 101             | Anatomy & Physiology 1 | 3              |
| APHY 102             | Anatomy & Physiology 2 | 3              |
| MATH 123             | Quantitative Reasoning | 3              |
| ENGL 111             | English Composition    | 3              |

Total Credits: 12

| <b>Courses which can be taken after accepted into the program</b> |  |        |
|---|--|--------|
| BIOL 201 or 211   | General Microbiology or Microbiology I | 3 or 4 |
| CHEM 1XX  | Introductory Chemistry or Chemistry I  | 3 or 4 |
| PSYC 101* or  | Psychology                             |        |
| SOCI 111  | Sociology                              | 3      |
| COMM 101 or   | Interpersonal Communications           |        |
| COMM 102  | Speech                                 | 3      |
| IVYT 1XX  | Ivy Life Skills Course                 | 1      |

| <b>Semester 1 (Fall)</b> |   | <b>Credits</b> |
|--------------------------|---|----------------|
| RESP 101                 | Assessment and Caring for a Respiratory Patient | 6              |
| RESP 106                 | Cardiopulmonary Pharmacology                    | 3              |

| <b>Semester 2 (Spring)</b> |   |   |
|----------------------------|---|---|
| RESP 102                   | Advanced Assessment and Care of a Cardiopulmonary Patient         | 3 |
| RESP 103                   | Cardiopulmonary Anatomy and Physiology                            | 3 |
| RESP 107                   | Clinical Apps. of Assessment and Caring for a Respiratory Patient | 2 |

| <b>Semester 3 (Summer)</b> |   |   |
|----------------------------|---|---|
| RESP 105                   | Cardiopulmonary Pathophysiology   | 3 |
| RESP 104                   | Concepts in Adult Critical Care   | 3 |
| RESP 108                   | Clinical Apps. in Advanced Assessment and Care of a Respiratory Patient | 2 |

| <b>Semester 4 (Fall)</b> |  |   |
|--------------------------|--|---|
| RESP 208                 | Clinical Apps. and Concepts in Adult Critical Care III     | 5 |
| RESP 201                 | Advanced Concepts in Cardiopulmonary Diagnostic Procedures | 4 |
| RESP 202                 | Pediatric and Neonatal Advanced Critical Care              | 3 |

| <b>Semester 5 (Spring)</b> |  |   |
|----------------------------|--|---|
| RESP 205                   | Advanced Respiratory Care and Comprehensive Review             | 3 |
| RESP 204                   | Extended Care for the Cardiopulmonary Patient                  | 2 |
| RESP 203                   | Advanced Emergency Management                                  | 1 |
| RESP 209                   | Advanced Clinical Apps. in Critical Care & Specialty Rotations | 3 |

NOTE: The curriculum is subject to change each academic year based on approved recommendations by the statewide Review Committee.

RESP courses MUST be taken in sequence. RESP 101 begins each Fall semester only.

Ivy Tech Community College 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), P.O. Box 54876, Hurst, TX 76054-4876  
817-283-2835 [www.coarc.com](http://www.coarc.com)

### **General Hospital Affiliate Information**

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

In choosing a career in Respiratory Therapy, 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 into the program.

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

- physical exam
- up-to-date immunizations (MMR, Varicella, Influenza)
- annual two-step TB test (Due in October prior to clinical rotation in January)
- Hepatitis B vaccine (declination option)
- AHA Basic Life Support for Health Care Provider CPR
- Criminal background check
- Drug screening
- Standard Precautions, Fire Safety, and HIPAA 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 orientation session or after the program has begun in the fall semester.**

Further, hospitals have very strict rules regarding body jewelry, tattoos, and artificial nails, etc.. Tattoos must not be visible, only one earring per ear lobe, all visible body jewelry including tongue piercing must be removed and artificial nails and bonding agents are prohibited.

Students MUST provide their own transportation and gas to their clinical experiences. Transportation is not provided by the College.



IVY TECH COMMUNITY COLLEGE –NORTHWEST  
**Respiratory Therapy Program**

**Application Form**

Due May 15th

Name: \_\_\_\_\_

\*\*Student complete "C" Number: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell: \_\_\_\_\_

**\*\*Date of Information Session Attended:** \_\_\_\_\_

Ivy Tech Email Address: \_\_\_\_\_

\*\* Required

I am applying for admission into the Respiratory Therapy Program. I understand that the program is competitive and I must first be accepted. **I have attended an information session and am in the process of completing the required four (4) prerequisite courses or have completed them at this time.**

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

\_\_\_\_\_  
Date

Next to each of the required general education courses listed below, please record your **grade** earned. If you have repeated a course, please identify each grade received for that course. For courses you have not yet completed, please indicate those below. **Please note you must be taking the course(s) in the SPRING semester ONLY. NO SUMMER COURSES.** Attach an unofficial copy of your Ivy Tech transcript(s) with all 4 prerequisite grades identified (if completed or currently enrolled).

APHY 101 \_\_\_\_\_

ENGL 111 \_\_\_\_\_

APHY 102 \_\_\_\_\_

MATH 123 (MATH 118 accepted) \_\_\_\_\_

How did you become interested in a career in respiratory therapy?

Recommended by a friend/family member \_\_\_

Recommended by a respiratory therapist \_\_\_

High school counselor/teacher \_\_\_

College website \_\_\_

College counselor/teacher \_\_\_

Friend or family with lung disease \_\_\_

Other: \_\_\_\_\_

## Respiratory Therapy Program Application Checklist

\_\_\_\_\_ Apply to the College; take the ACCUPLACER entrance exam.

\_\_\_\_\_ **Attend a mandatory information session for advising. See [www.ivytech.edu](http://www.ivytech.edu) for dates or Program Chair's office, room 124.**

\_\_\_\_\_ Complete required prerequisite courses.

\_\_\_\_\_ Attach a copy of your unofficial Ivy Tech transcripts to the application.

\_\_\_\_\_ Submit the most current Respiratory Application form (page 9) with the above documents to the Respiratory Care Program Chair's Office (Room 124) or the Health Sciences Secretary by May 15<sup>th</sup>.

If you choose to mail your application, it must be postmarked no later than May 15<sup>th</sup> to the following address:

Ivy Tech Community College – Lake County Campus  
Attention: Respiratory Therapy Program Chair  
9900 Connecticut Drive  
Crown Point, IN 46307

**Estimated Expenses for the Program (Based on previous year)**

|                    |   |    |              |
|--------------------|---|----|--------------|
| Tuition:           | 71 credits @ \$137.85 (in-state) per credit hour                              | ** | \$9787.35    |
| Physical Exam:     | cost variable   |    |              |
| Hepatitis Vaccine: | cost variable   |    |              |
| Immunizations:     | cost variable   |    |              |
| CPR                |   |    | \$ 40.00     |
| Exams:             | TMC and Clinical Simulations – self assessment exams                          |    | \$ 120.00    |
| National Exams:    | TMC and Clinical Simulations Credentialing Exams                              |    | \$ 400.00    |
| Data Arc:          | Computer software license (one-time fee)                                      |    | \$ 90.00     |
| Lab Kit:           | Purchased through Bookstore (variable)  |    | \$ 350.00    |
| Uniforms:          | Scrubs, lab coat, shoes, etc  |    | \$ 100.00+   |
| Supplies:          | stethoscope, calculator, watch, scissors, goggles, etc.                       |    | \$ 60.00+    |
| Criminal Check:    | Certified Background Check (\$135.00 per year)                                |    | \$ 270.00    |
| Books:             | cost variable   | ** | \$ 1800.00   |
| Technology fee:    | 7 semesters @ \$60.00 (full-time)<br>Add \$60.00 for each additional semester | ** | \$ 420.00    |
| Transportation:    | cost variable   |    | _____        |
|                    | Approx:   |    | \$ 13,437.35 |

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

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