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

Jennifer Purdue, MA, RRT-NPS, RN,
AE-C, CLNC
Program Chair
812-330-6334
jpurdue3@ivytech.edu

Sasha McKinney, BS, RRT-NPS
Director of Clinical Education
812-330-6313
smckinney34@ivytech.edu

Information and Application Packet

Revised 01/2013

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

Disclaimer 3

A Career in Respiratory Care 4-5

Respiratory Care Curriculum 6

Application Process & Acceptance Process 7-9

General Hospital Affiliate Information 10-11

Hospital Job Shadow Sites 12-13

Application Form 14

Application Check List 15

Estimated Expenses 16

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.
NON-DISCRIMINATION AND EQUAL OPPORTUNITY POLICY

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. Persons who believe they may have been discriminated against should contact the campus affirmative action officer or the Office of Student Affairs.

DISCLAIMER

This handbook 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 handbook 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 Bureau of Labor Statistics, the need for Respiratory Therapists is increasing faster than the average for all job growths. It is considered one of the hottest jobs, with a projected growth of 21% from 2008 - 2018.

*There are several reasons for the increasing need for Respiratory Therapists:*

- advances in equipment and technology
- new treatment advances for patients with heart and lung disease, accident victims, premature infants, and AIDS patients, thereby increasing the demand for respiratory therapy interventions
- increased health care access
- an aging population (baby boomers)
- an aging respiratory therapy work force.

The career opportunities for program graduates, entry-level (CRT credential) and advanced-level (RRT credential), include staff therapists, supervisors and managers, and clinical instructors, in a variety of healthcare settings. In hospitals, therapists work in medical/surgical units, emergency departments, intensive care units (adult, pediatric, and neonatal), and specialty units (labor and delivery, and oncology). Other career opportunities exist in extended care facilities, home care companies, physicians’ offices, rehabilitation centers, sleep centers, equipment and pharmaceutical sales, and land and air patient transports.
Respiratory therapists, in consultation with the physician, provide patient assessment, treatment, management, education, and care of patients with breathing deficiencies and abnormalities. Treatment modalities include oxygen therapy, non-medicated and medicated aerosol therapy, chest physical therapy, diagnostic testing, and set-up, management, and weaning of mechanical ventilation. Additional treatment modalities, depending on the specific healthcare settings’ accepted practices, include specialty medical gasses (nitrogen, carb-air/carbogen, heliox, and nitric oxide), blood gas sampling and analysis, surfactant replacement, Extracorporeal Membrane Oxygenation (ECMO), and patient-directed treatment protocols.

Respiratory therapists, as members of the multidisciplinary health care team, work to evaluate, treat, and manage patients of all ages with respiratory illnesses and other cardiopulmonary disorders in a wide variety of clinical healthcare settings.

Respiratory therapists must behave in a manner consistent with the standards and ethics of all health care professionals. In addition to performing respiratory care procedures, respiratory therapists are involved in clinical decision-making (such as patient evaluation, treatment selection, and assessment of treatment efficacy) and patient education. The scope of practice for respiratory therapy includes, but is not limited to:

- acquiring and evaluating clinical data
- assessing the cardiopulmonary status of patients
- performing and assisting in the performance of prescribed diagnostic studies, such as drawing blood samples, performing blood gas analysis, and pulmonary function testing
- utilizing data to assess the appropriateness of prescribed respiratory care
- establishing therapeutic goals for patients with cardiopulmonary disease
- participating in the development and modification of respiratory care plans
- case management of patients with cardiopulmonary and related disease
- initiating ordered respiratory care, evaluating and monitoring patients’ responses to such care, modifying the prescribed respiratory therapy and cardiopulmonary procedures, and life support endeavors to achieve desired therapeutic objectives initiating and conducting prescribed pulmonary rehabilitation providing patient, family, and community education
- promoting cardiopulmonary wellness, disease prevention, and disease management
- participating in life support activities as required
- promoting evidence-based learning; research/ and clinical practice guidelines

**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)

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.”
Ivy Tech Community College of Indiana - Bloomington  
Respiratory Care Program Curriculum (updated January 2013)

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

* SOCI 111 may be substituted for PSY 101  
** COMM 102 may be substituted for COM 101

<table>
<thead>
<tr>
<th>Semester 1 (Fall)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESP 121 Intro to Respiratory</td>
<td>6</td>
</tr>
<tr>
<td>RESP 123 Cardiopulmonary ANP</td>
<td>3</td>
</tr>
<tr>
<td>RESP 129 Pharmacology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 2 (Spring)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESP 122 Therapeutics</td>
<td>3</td>
</tr>
<tr>
<td>RESP 134 Clinical Application 1</td>
<td>2</td>
</tr>
<tr>
<td>RESP 126 Clinical Med 1</td>
<td>3</td>
</tr>
<tr>
<td>RESP 125 Critical Care 1</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 3 (Summer)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESP 222 Critical Care 2</td>
<td>3</td>
</tr>
<tr>
<td>RESP 137 Clinical Application 2</td>
<td>2</td>
</tr>
<tr>
<td>RESP 229 Emergency Management</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 4 (Fall)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESP 218 Clinical Applications in Critical Care</td>
<td>5</td>
</tr>
<tr>
<td>RESP 221 Cardiopulmonary Diagnostics</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester 5 (Spring)</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESP 224 Clinical Med 2</td>
<td>3</td>
</tr>
<tr>
<td>RESP 226 Continuing Care</td>
<td>2</td>
</tr>
<tr>
<td>RESP 237 Clinical Applications in Advanced Critical Care  And Specialty Rotations</td>
<td>3</td>
</tr>
</tbody>
</table>

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 $45.00 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/ )

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 1st.
  - **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.

If you plan to apply to more than one Ivy Tech Respiratory Care Program, you must contact that region’s program chair and attend an information session for that region.

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. All students will be required to drive to far clinical sites which are up to two hours from the Ivy Tech Bloomington campus (not their home address) to a clinic site. Also, the student is responsible for any parking fees incurred at the site.

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
CLINICAL FACILITIES
Clinical experience is an integral part of the educational experience for all respiratory care students. The Respiratory Care program has affiliation agreements with a wide range of healthcare facilities, to provide student-learning experiences. Affiliated facilities include, but are not limited to:

1. IU HEALTH BEDFORD
   2900 W. 16th Street
   Bedford, IN 47421
   26 miles from Ivy Tech

2. IU BLOOMINGTON
   601 W. Second Street
   Bloomington, IN 47403
   3 miles from Ivy Tech

3. COLUMBUS REGIONAL HOSPITAL
   2400 East 17th Street
   Columbus, IN 47201
   44 miles from Ivy Tech

4. DAVIESS COMMUNITY HOSPITAL
   1314 East Walnut Street
   Washington, IN 47501
   69 miles from Ivy Tech

5. DUNN MEMORIAL HOSPITAL
   1600 23rd Street
   Bedford, IN 47421
   26 miles from Ivy Tech

6. HANCOCK REGIONAL HOSPITAL
   801 N. State St.
   Greenfield, IN 46140
   76 miles from Ivy Tech

7. PREMIER HEALTH
   2605 East Creeks Edge Drive
   Bloomington, IN 47404
   9 miles from Ivy Tech

8. JOHNSON MEMORIAL HOSPITAL
   1125 W Jefferson Street
   Franklin, IN 46131
   43 miles from Ivy Tech

9. KINDRED SOUTH
   607 Greenwood Springs Boulevard
   Greenwood, IN 46143
   49 miles from Ivy Tech

10. MAJOR HOSPITAL
    150 W Washington Street
    Shelbyville, IN 46176
    60 miles from Ivy Tech

11. MEMORIAL HOSPITAL
    800 West 9th Street
    Jasper, IN 47546
    70 miles from Ivy Tech

12. MORGAN HOSPITAL AND MEDICAL CENTER
    2209 John R Wooden Drive
    Martinsville, IN 46151
    24 miles from Ivy Tech

13. SCHNECK MEDICAL CENTER
    411 West Tipton Street
    Seymour, IN 47274
    61 miles from Ivy Tech

14. ST. FRANCIS HOSPITAL
    8111 S. Emerson Ave
    Indianapolis, IN 46237
    54 miles from Ivy Tech

15. TERRE HAUTE REGIONAL
    3901 S. 7th Street
    Terre Haute, IN 47802
    61 miles from Ivy Tech

16. UNION HOSPITAL
    1530 N. 7th St.
    Terre Haute, In 47807
    61 miles from Ivy Tech

17. WISHARD HEALTH SERVICES
    1001 W. 10th St.
    Indianapolis, IN 46202
    53 miles from Ivy Tech
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.
Applicant Hospital Shadow Form

<table>
<thead>
<tr>
<th>Date</th>
<th>Arrival Time</th>
<th>Departure Time</th>
</tr>
</thead>
</table>

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-NPS
Respiratory Care Program
Director of Clinical Education
Ivy Tech Community College
200 Daniels Way
Bloomington, Indiana 47404
I am applying for admission into 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 1st 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

<table>
<thead>
<tr>
<th>Expense</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>71 Credits at $111.15 (in-state) per credit hour</td>
<td><strong>$7,891.65</strong></td>
</tr>
<tr>
<td>Physical Exam</td>
<td>Cost varies</td>
<td>*Variable</td>
</tr>
<tr>
<td>Hepatitis B Vaccine</td>
<td>Cost varies</td>
<td><em>$150 – 200</em></td>
</tr>
<tr>
<td>Immunizations</td>
<td>Costs vary depending on need</td>
<td>*Variable</td>
</tr>
<tr>
<td>CPR</td>
<td>Certification for Health Care Providers</td>
<td>$50</td>
</tr>
<tr>
<td>Exams</td>
<td>Mock CRT, RRT, and Clinical Simulation</td>
<td>$150</td>
</tr>
<tr>
<td>DataArc</td>
<td>Competency Documentation Software</td>
<td>$60</td>
</tr>
<tr>
<td>Laboratory Kits</td>
<td>Costs may vary each year</td>
<td>$125</td>
</tr>
<tr>
<td>Uniforms</td>
<td>Scrubs, shoes (variable)</td>
<td>$80 (each set)</td>
</tr>
<tr>
<td>Supplies</td>
<td>Stethoscope, calculator, pen light bandage scissors, watch with second hand</td>
<td>$60</td>
</tr>
<tr>
<td></td>
<td>(variable)</td>
<td></td>
</tr>
<tr>
<td>Criminal Check</td>
<td>Certified Background Check</td>
<td>$131</td>
</tr>
<tr>
<td></td>
<td>(background check, immunization record and drug screen)</td>
<td></td>
</tr>
<tr>
<td>Books</td>
<td>Prices vary from semester to semester</td>
<td>*$2,000</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>7 semesters at $60 (full-time status)</td>
<td>**$420</td>
</tr>
<tr>
<td></td>
<td>Add $60 for each additional semester</td>
<td></td>
</tr>
<tr>
<td>Transportation &amp; Gas</td>
<td>Cost varies</td>
<td>Variable</td>
</tr>
</tbody>
</table>

**$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.