

SCHOOL OF HEALTH SCIENCES

**Respiratory Care Practitioner Program
Associate of Science Degree**

**Information and Application Packet
Academic Year 2011-2012**

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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 job advancement? If you answered "yes", Respiratory Care 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 and Earnings:

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%, the need for respiratory therapists will grow by up to 26%. 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:

The average salary in the U.S. for new therapists entering the field is \$41, 538. Visit the U.S. Dept. of Labor's Bureau of Labor Statistics website at www.bls.gov and the Indiana Department of Workforce Development website at 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)

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.**"

Academic Features:

An associate of science degree in Respiratory Care 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 care 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 care 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 ASSET/COMPASS Assessment exam.

STEP 2: Admission to the Respiratory Care Program

- Attend a required program information session.
- **The following prerequisites must be completed prior to enrollment into the technical/professional component of the Respiratory Care program. (END OF SPRING SEMESTER FOR FALL START DATE)**

Program course prerequisites:

- APHY 101
 - APHY 102
 - BIOL 201 or 211
 - CHEM 101 or 111
 - MATH 118 or higher (example MATH 136)
 - 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).

- **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, TEAS scores, unofficial transcripts from all colleges
 - Deadline for submitting application materials:
 - Fall admission: March 1st
 - 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 15th
 - **Points for program prerequisite courses (maximum 120)**
 - **A = 20 points; B = 15 points; C = 10 points D = 5 points**
 - APHY 101
 - APHY 102
 - BIOL 201 or 211
 - CHEM 101 or 111
 - MATH 118 or higher (example MATH 136)
 - 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 general education courses that will be required in order to graduate are:
 - COMM 101 or 102
 - PSYC 101 or SOCI 111
 - IVYT 10X (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** 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. A **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 forfeit their admission into the program and the next student with the highest ranking will be contacted through their Ivy Tech email address.

- 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 Care Program Curriculum Sequencing (revised June 2011)

Prerequisites	Credits
APHY 101 Anatomy & Physiology 1	3
APHY 102 Anatomy & Physiology 2	3
MATH 118 or higher Math	3
BIOL 201 or 211 Microbiology	3-4
CHEM 101 or 111 Chemistry	3-4
ENGL 111 English Composition	3

Total Credits: 18

Courses which can be taken after accepted into the program

PSYC 101* Psychology	3
COMM 101** Interpersonal Communications	3
IVYT 10X Life Skills Course	1
* SOCI 111 may be substituted for PSYC 101	
** COMM 102 may be substituted for COMM 101	

Semester 1 (Fall)	Credits
RESP 121 Introduction to Respiratory Care	6
RESP 129 Pharmacology (optional for 1st year student)	3

Semester 2 (Spring)	Credits
RESP 122 Therapeutic Modalities	3
RESP 123 Cardiopulmonary Physiology	3
RESP 134 Clinical Application 1	2

Semester 3 (Summer)	Credits
RESP 126 Clinical Medicine 1	3
RESP 125 Critical Care 1	3
RESP 137 Clinical Application 2	2

Semester 4 (Fall)	Credits
RESP 218 Clinical Application in CC	5
RESP 221 Cardiopulmonary Diagnostics	4
RESP 222 Critical Care 2	3

Semester 5 (Spring)	Credits
RESP 224 Clinical Medicine 2	3
RESP 226 Continuing Care	2
RESP 229 Emergency Management	1
RESP 237 Clinical Application of Adv. CC	3

NOTE: The above 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 121 begins in 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), 1248 Harwood Road, Bedford, TX 76021
817-283-2835 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 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 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
- annual two-step TB test
- Hepatitis B vaccine
- Annual/Biannual CPR certification for Healthcare Providers
- Criminal background check
- Drug screening
- Universal 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 Care Practitioner Program

Application Form
Due March 1st

Name: _____

Student complete "C" Number: _____

Address: _____

City: _____ State: _____ Zip: _____

Home Phone: _____ Cell: _____

Date of Information Session Attended: _____

Ivy Tech Email Address: _____

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 the TEAS test, attended an information session and am in the process of completing the required six (6) 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. 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 6 prerequisite grades identified (if completed or currently enrolled).

APHY 101 _____

ENGL 111 _____

APHY 102 _____

MATH 118 * _____

CHEM 101 * _____

BIOL 201 * _____

* or higher

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

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 Care Program Application Checklist

- _____ Apply to the College; make appointment to take the COMPASS or ASSET exam.
- _____ Submit an official copy of your GED/high school diploma and all college transcripts to the Registrar's Office.
- _____ Attend a mandatory information session for advising.
- _____ Complete required prerequisite courses and TEAS test.
- _____ Attach a copy of your unofficial Ivy Tech transcripts and TEAS scores to the application.
- _____ Submit the most current Respiratory Application form with the above documents to the Respiratory Care Program Chair's Office (C-226) or the Health Sciences Secretary by March 1st. If you mail your application, it must be postmarked no later than March 1st. (Print page 8 of this packet)

Estimated Expenses for the Program

Tuition:	71 credits @ \$99.65 (in-state) per credit hour	**	\$7632.15
Physical Exam:	cost variable		
Hepatitis Vaccine:	cost variable		
Immunizations:	cost variable		
CPR			\$ 30.00
Exams:	CRT, WRRT, Clinical simulations		\$ 150.00
Data Arc:	Computer software license		\$ 60.00
Lab Kits:	cost variable		\$140.00
Uniforms:	Scrubs, lab coat, shoes, etc		\$80.00 (set)
Supplies:	stethoscope, calculator, watch, scissors, etc.		\$ 60.00
Criminal Check:	Certified Background Check		\$ 83.00
Books:	cost variable	**	\$ 2000.00
Technology fee:	7 semesters @ \$60.00 (full-time) Add \$60.00 for each additional semester	**	\$ 420.00
Transportation:	cost variable		_____
	Approx:		\$10,700.00

** 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