

**RESPIRATORY THERAPY**  
Associate of Applied Science Degree  
Catalog 2010-2011

This is an associate degree program that prepares students with the knowledge, clinical and behavioral skills essential to providing competent and caring services consistent with community and employer expectations. Student acquire skills in patient assessment, clinical data evaluation, blood gas analysis, pulmonary function testing, therapeutic techniques, emergency and critical care management, pulmonary rehabilitation and home care, and other cardiopulmonary procedures.

**Admission Requirements:** Admission into the program is limited and competitive. The Respiratory Therapy admissions scoring criteria will be used in the selection process. An applicant must have a high school diploma or equivalent. The criteria include the following:

				Credit Hours	Grade
<b>A. Pre-requisites: (45%)</b>					
_____	BIOL	121	Introductory Biology I	4	_____
_____	CHEM	110	Introductory Chemistry*	4	_____
_____	COMM	110	Public Speaking <b>OR</b>		
_____	COMM	111	Interpersonal Communication	3	_____
_____	ENGL	111	Freshman Composition	3	_____
_____	MATH	114	Math for Health Careers***	3	_____

**B. Admission Test (20%)**

Health Occupation Admission Test (HOAT) is the prescribed admission test. Other tests will be considered such as the TEAS or HOBET. Applicants who have completed and earned an associate degree or higher are not required to take the admission test.

**C. Recommendations, previous education and training, CPR, work experience and job shadowing (35%)**

**D. Criminal Background Check, Immunization Record/Health Certificate and Drug Screen.**

**1st Semester**

_____	BIOL	252	Human Anatomy and Physiology I**	4	_____
_____	COSC	125	Business Microcomputer Applications	3	_____
_____	RESP	110	RT Orientation & Patient Assessment	3	_____
_____	RESP	112	Community Health & Infection Control	3	_____
_____	RESP	114	Respiratory Physics & Medical Gas Therapy	<u>3</u>	_____
				Total	16

**2nd Semester**

_____	BIOL	253	Human Anatomy and Physiology II	4	_____
_____	ENGL	211	Advanced Composition <b>OR</b>		
_____	ENGL	218	Advanced Technical Composition	3	_____
_____	RESP	116	Cardiopulmonary Pharmacology	3	_____
_____	RESP	118	Diagnostic and Therapeutic Techniques	<u>5</u>	_____
				Total	15

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**3rd Semester**

_____	RESP	120	Cardiopulmonary Pathophysiology	3	_____
_____	RESP	122	Critical Care Management	4	_____
_____	RESP	124	Special Procedures in Respiratory Care	2	_____
_____	RESP	126	Clinical Practicum I	5	_____
_____	RESP	128	Clinical Simulation I	<u>1</u>	_____
Total				15	

**4th Semester**

_____	PSYC	120	Introduction to Psychology	3	_____
_____	RESP	220	Respiratory Seminar I	2	_____
_____	RESP	222	Neonatal and Pediatric Respiratory Care	4	_____
_____	RESP	226	Clinical Practicum II	5	_____
_____	RESP	228	Clinical Simulation II	<u>1</u>	_____
Total				15	

**5th Semester**

_____	RESP	230	Respiratory Seminar II	3	_____
_____	RESP	232	Pulmonary Rehabilitation and Home Care	2	_____
_____	RESP	236	Ethics, Management and Wellness Promotion	2	_____
_____	RESP	238	Clinical Simulation III	1	_____
_____	RESP	240	Clinical Practicum III	<u>5</u>	_____
Total				13	

Total credit hours required for this degree is 74

- \* Pre-requisite MATH 096 – Introductory Algebra (4.0)
- \*\* Pre-requisite BIOL 121 – Introductory Biology I (4.0). Recommended classes: CHEM 110 and HITP 110.
- \*\*\* Intermediate Algebra taken by an applicant before may be considered.