

# Respiratory Therapy (A45720)

## Associate in Applied Science

The Respiratory Therapy curriculum prepares individuals to function as respiratory therapists through demonstrated competence in the cognitive, psychomotor, and affective learning domains of respiratory care practice. Graduates perform diagnostic and therapeutic procedures with exposure to current and emerging practice settings.

The curriculum prepares graduates to operate within inter-professional teams and effectively communicate with clients/patients of various ages, ethnicities, and cultures. Application of problem solving strategies, applying ethical decision making, and understanding professional responsibilities are emphasized.

Graduates are eligible to complete the credentialing process through the National Board for Respiratory Care, which will qualify them for a license to practice in a variety of healthcare settings with responsibilities for assessment, treatment, management and education of patients with cardiopulmonary diseases.

## General Admission Requirements

1. Detailed current information for interested applicants is located on the [RCC website](#). Applicants must submit all required documentation by established deadlines detailed on the Respiratory Therapy acceptance time line.
2. Students must be able to fulfill all Program Performance Standards as outlined in the health sciences admission policy.
3. Student are encouraged to attend a Respiratory Therapy Information Session.
4. Complete minimum admission requirements by the end of April of the admission year.
5. Admission to all RCC Health Science programs is a competitive process. Applicants are evaluated based upon academic performance.
6. Applicants must have a cumulative GPA of 2.8 or higher in respiratory therapy general education courses by the published deadline date for submitting Candidate Review Forms to the Admissions Office. Applicants not meeting the cumulative GPA requirements will not be reviewed by the program area for admission.
7. Students must successfully complete the following courses with a “C” or higher before enrolling in the first RCP course:  
BIO 168, BIO 169, CHM 131/CHM 131A or higher chemistry.
8. Students must successfully complete the following courses with a “C” or higher for the Respiratory Therapy program:  
ENG 111, ENG 112, PSY 150, and Humanities/Fine Arts elective.
9. All transcripts must be on file in the Admissions Office in order for a student to be considered for admission.
10. Upon program acceptance, students must submit to a background check, drug screening and medical review/screen to include physical examination and immunizations. All fees associated with background check, drug screen and medical review are the responsibility of the student.
11. It is the student’s responsibility to review all [program materials](#) to stay current with the program requirements, policies and procedures.

## Respiratory Therapy Program Performance Standards

Individuals enrolled in the Respiratory Therapy Program are expected to be able to perform certain activities to maintain standards of safety. The Respiratory Therapy student must possess the following skills:

**Critical Thinking skills:** The respiratory therapy student must possess critical thinking skills sufficient for clinical judgment. This involves identifying cause and effect relationships in clinical situations.

**Interpersonal skills:** The respiratory therapy student should possess interpersonal skills sufficient to interact with individuals, families, and groups from a variety of social, economic, emotional, cultural, and intellectual backgrounds. For example, the student should be able to establish a helping relationship with patients, families, and colleagues.

**Communication:** The respiratory therapy student should possess communication skills sufficient for interaction with others in a verbal and written format. Examples: perform patient teaching, write progress notes, interpret physician's orders, provide verbal report to staff, record patient responses to treatments, consult with patient's family members, or physicians.

**Mobility:** The respiratory therapy student should possess physical skills sufficient to move from room to room and maneuver in small spaces. For example, the student must be able to move around in patient rooms, work spaces and treatment areas and to administer cardiopulmonary resuscitation.

**Motor Skills:** The respiratory therapy student should possess gross and fine motor skills sufficient to provide safe and effective patient care. Examples: adjust ventilator settings, perform arterial puncture, calibrate equipment, transfer or position patients, and administer cardio pulmonary resuscitation.

**Hearing:** The respiratory therapy student should possess auditory skills sufficient to monitor and assess health needs. For example, the student must be able to hear monitor alarms, emergency signals, auscultatory sounds and cries for help, ability sufficient to monitor and assess patient care and safety needs.

**Visual:** The respiratory therapy student should possess visual skills sufficient for observation and assessment necessary in providing patient care. For example, the student must be able to observe patient responses, see a change in skin color and read a manometer on a mechanical ventilator.

**Tactile:** The respiratory therapy student should possess tactile skills sufficient for physical assessment. For example, the student must be able to palpate a pulse, body sites, and determine skin temperature.

**Weight-Bearing:** The respiratory therapy student should possess the ability to maneuver and move 40-50 lbs. on a weekly or daily basis. For example, the student must be able to position and transfer patients.

# Respiratory Therapy Program

*Program Prerequisites: Students admitted to the Respiratory Therapy program must successfully complete the following courses with a "C" or higher prior to enrolling in the first Respiratory Therapy [RCP] class:*

		<i>Class</i>	<i>Lab</i>	<i>Clinical</i>	<i>Credit</i>
BIO 168	Human Anatomy & Physiology I	3	3	0	4
BIO 169	Human Anatomy & Physiology II	3	3	0	4
CHM 131	Introduction to Chemistry	3	0	0	3
CHM 131A	Introduction to Chemistry Lab or	0	3	0	1

## *Fall Semester*

		<i>Class</i>	<i>Lab</i>	<i>Clinical</i>	<i>Credit</i>
ENG 111	Writing and Inquiry	3	0	0	3
RCP 110	Introduction to Respiratory Care	3	3	0	4
RCP 113	RCP Pharmacology	2	0	0	2
RCP 114	C-P Anatomy and Physiology	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
		<b>11</b>	<b>3</b>	<b>0</b>	<b>12</b>

## *Spring Semester*

RCP 111	Therapeutics/Diagnostics	4	3	0	5
RCP 115	C-P Pathophysiology	2	0	0	2
RCP 146	RCP Clinical Practice II	<u>0</u>	<u>0</u>	<u>18</u>	<u>6</u>
		<b>6</b>	<b>3</b>	<b>18</b>	<b>13</b>

## *Summer Semester*

RCP 123	Special Practice Lab	0	3	0	1
RCP 152	RCP Clinical Practice III	<u>0</u>	<u>0</u>	<u>6</u>	<u>2</u>
		<b>0</b>	<b>3</b>	<b>6</b>	<b>3</b>

## *Fall Semester*

ENG 112	Writing and Research in the Discipline	3	0	0	3
PSY 150	General Psychology	3	0	0	3
RCP 210	Critical Care Concepts	3	3	0	4
RCP 213	Neonatal/Pediatric Concepts	2	0	0	2
RCP 236	Clinical Practice IV	<u>0</u>	<u>0</u>	<u>18</u>	<u>6</u>
		<b>11</b>	<b>3</b>	<b>18</b>	<b>18</b>

## *Spring Semester*

RCP 211	Advanced Monitoring/Procedures	3	3	0	4
RCP 215	Career Preparation	0	3	0	1
RCP 223	Special Practice Lab	0	3	0	1
RCP 246	RCP Clinical Practice V	0	0	18	6
Humanities/Fine Arts Elective		<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
		<b>6</b>	<b>9</b>	<b>18</b>	<b>15</b>

**TOTAL CREDITS: 73**

**Humanities/Fine Arts Elective** - Choose **one** of the following:

UGETC: ART 111, ART 114, ART 115, ENG 231, ENG 232, ENG 241, ENG 242, MUS 110, MUS 112, PHI 215, PHI 240  
 Gen Ed: HUM 115, REL 110

## Respiratory Therapy Program Costs

Respiratory Therapy students should be prepared to incur additional expenses beyond tuition and college fees.

**Outlined below are estimated expenses and are subject to change:**

### *First Year*

CPR Certification	\$10
Medical Exam	\$100
Immunizations (Includes but not limited to Hep, B, TB, Flu, childhood immunizations)	\$300
Student Accident Insurance	\$6
Malpractice Insurance	\$48
Uniforms	\$140
Respiratory Therapy Books	\$300
Drug Screen and Background Check	\$114
Miscellaneous Supplies	\$100

### *Second Year*

Required Annual Immunizations	\$100
Student Accident Insurance	\$4
Malpractice Insurance	\$32
NBRC Exams	\$120
School Pin (optional)	\$50-\$100
Respiratory Therapy Books	\$300
Miscellaneous Supplies	\$100
Kettering Seminar	\$425
Drug Screen	\$80
ACLS	\$80
Certification Exam (The Multiple Choice) TMC	\$190
Clinical Simulation Exam (CSE)	\$200