



RESPIRATORY THERAPY

Facilitate and monitor breathing for patients in emergency and surgical care settings

“My instructors in the RT program were excellent.

I can't say enough about their level of education and how it has provided me with the tools necessary to be a competent Respiratory Therapist.”

A Respiratory Therapist (RT) treats people who have breathing or cardiopulmonary difficulties, such as premature infants or adults who have lung diseases such as asthma and COPD. They consult with doctors and develop a treatment plan. A Respiratory Therapist cares for patients in Intensive Care Units on life support.

What Respiratory Therapy graduates do:

- Analyze blood specimens
- Manage artificial airways/ventilators
- Diagnose lung/breathing disorders
- Recommend/administer treatments
- Educate patients and families to manage lung diseases

Students will learn:

- Cardiopulmonary assessment
- Infection control
- Resuscitation devices
- Ventilator management
- Disaster preparedness
- Administration of medical gases
- Airway management
- Therapeutic communication

Respiratory Therapy graduates work in:

- Hospitals
- Intensive care units
- Newborn and pediatric units
- Outpatient care centers
- Home healthcare



Accredited by the Commission on Accreditation for Respiratory Care (COARC)
1248 Harwood Road, Bedford, TX 76021-4244
Telephone: 817-283-2835, Website: www.coarc.com

Program entry requirements:

To see the entrance requirements for this program, please visit the pages ahead, and visit www.kvcc.me.edu/adv/rt

For further questions about this program, please contact Danielle Schryver at:

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or go to:

www.kvcc.me.edu/rt



RESPIRATORY THERAPY

Course #	Course Title	Credits	Prerequisites (Co-requisites)
<u>Associate in Science Degree</u>			
<u>FIRST SEMESTER</u>			
__ __	BIO213 Anatomy and Physiology I.....	4	Min. Accuplacer reading score of 80, completion of LEAP seminar, or successful completion of a college level laboratory science course
__ __	CHE112* General Chemistry OR.....		(MAT117 or equivalent mathematical aptitude)
__ __	CHE113* Introduction to Biochemistry (or higher).....	3/4	HS Chemistry recommended
__ __	RTS111 Introduction to Respiratory Care	5	Admission in RT program
__ __	RTS117 Cardiopulmonary Anatomy and Physiology.....	3	
<u>SECOND SEMESTER</u>			
__ __	BIO214 Anatomy and Physiology II.....	4	Minimum grade of "C" in BIO213
__ __	ENG101 College Composition	3	Min. Accuplacer writing score of 74
__ __	MAT117 College Algebra (or higher)	3	High school algebra, min. Accuplacer algebra score of 75, or successful completion of MAT031
__ __	RTS112 Therapeutic Modalities in Respiratory Care	5	RTS111
__ __	RTS121 Cardiopulmonary Diagnostics	3	CHE113, RTS111, RTS117 (RTS112)
<u>SUMMER SESSION (6 WEEKS)</u>			
__ __	PSY101 Introduction to Psychology	3	
__ __	RTS120 Clinical Practicum I	3	RTS112, RTS117, RTS121 (RTS127)
__ __	RTS127 Respiratory Pharmacology.....	2	BIO214, RTS112, RTS117, RTS121 (RTS120)
<u>THIRD SEMESTER</u>			
__ __	RTS223 Mechanical Ventilation	3	RTS120, RTS127 (RTS226, RTS229)
__ __	RTS225 Perinatal and Pediatric Respiratory Care.....	3	RTS112, RTS117, RTS121, RTS127 (RTS223, RTS229)
__ __	RTS226 Cardiopulmonary Pathology	3	BIO214, RTS121, RTS127 (RTS223, RTS225)
__ __	RTS229 Clinical Practicum II.....	5	RTS120, RTS127 (RTS223, RTS225, RTS226)
__ __	_____ Social Sciences Elective	3	
<u>FOURTH SEMESTER</u>			
__ __	COM104 Introduction to Communication OR		
__ __	COM105 Interpersonal Communication.....	3	
__ __	RTS224 Concepts in Critical Care	3	RTS223, RTS226, RTS229 (RTS230)
__ __	RTS230 Clinical Practicum III.....	5	RTS229 (RTS224, RTS231)
__ __	RTS231 Respiratory Care Senior Seminar.....	1	RTS229 (RTS230)
__ __	_____ Humanities Elective.....	3	
	TOTAL CREDITS	73/74	

* CHE112 will be accepted to meet this requirement; however, CHE113 is the preferred course.

Criteria for Graduation

Students must complete 73/74 credits in the Respiratory Therapy program, achieve a minimum grade of "C" in all courses, and attain a final GPA of 2.0 or higher. Upon successful completion of the program, graduates are eligible to sit for credentialing examinations administered by the National Board for Respiratory Care. Graduates are eligible to apply for a Maine license to practice Respiratory Care.