

Respiratory Therapy AAS

Career & Technical Division

Program Description:

Respiratory Therapy is an allied health program whose practitioners are employed under medical direction to provide treatment, management, diagnostic evaluation, and care to patients with problems associated with the cardiopulmonary system. Job responsibilities vary from the administration of oxygen, humidity, aerosols and the drainage of lung secretions, mechanical ventilation, to the use of technologically sophisticated monitoring devices and treatment techniques to enhance the survival of patients in intensive care units. Respiratory therapists may also perform pulmonary function testing.

The Respiratory Therapy Program is a cooperative effort between Collins Career Center and Mountwest Community & Technical College. There are 27 semester credit hours required from Mountwest Community & Technical College. The student may either complete the MCTC courses prior to application to the program or finish the courses while completing the Respiratory Therapy courses at Collins Career Center.

Career Outlook:

Job opportunities are expected to be very good, especially for respiratory therapists with cardiopulmonary care skills or experience working with infants. Employment of respiratory therapists is expected to increase faster than the average for all occupations through the year 2016 because of substantial growth in numbers of the middle-aged and elderly population—a development that will heighten the incidence of cardiopulmonary disease.

Salary Forecast:

For the most current salary information please refer to the Bureau of Labor Statistics “Occupational Outlook Handbook” found at www.bls.gov/ooh/.

Admission Requirements:

1. The Respiratory Therapy program has selective admissions each year. The first 24 eligible applications received will be admitted to the program. If admitted, there are 59 credit hours of Respiratory Therapy courses to be completed at Collins Career Center. As part of the 59 credit hours, the student will be required to complete clinical practice rotations at area health care facilities.
2. Prior to admission to the Respiratory Therapist program and/or clinical internships, students may be required to document that they have successfully passed a criminal background check and drug screen.

Employment Opportunities:

- Home health
- Skilled nursing homes
- Skilled nursing units within an acute care hospital
- Outpatient centers
- Rehabilitation hospitals
- Acute care hospitals
- Physicians office

Contact Information:

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Respiratory Therapy^{1,2,3,4}—Major Code CR 20

Name:			ID Number 942-	
CAPS SCORES:	MATH:	ENGLISH:	READ:	DOE:
COL 101 Faculty:				
Educational Counselor:				
Faculty Advisor:				

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
AH 151	Medical Terminology ⁵ (EDGE)		3				
BIOL 257	Intro to Anatomy and Physiology (EDGE)		3				
ENL 111	Written Communication ⁶		3				
AH 226	Respiratory Therapy Pharmacology		3				
MAT 133	Algebra for Allied Health		5				
RTT 100	Intro to Respiratory Care		1				
PSYC 215	Lifespan Psychology ⁵		3				
COM 112	Oral Communication ⁵		3				
CLIN 101	Clinical Practice I		3				
RTT 101	Respiratory Care Procedures I ⁷		3				
RTT 101L	Respiratory Care Procedures I Lab		1				
RTT 110	Cardiopulmonary Evaluation I		3				
CLIN 102	Clinical Practice II ⁸		2				
RTT 111	Cardiopulmonary Pathophysiology ⁹		3				
RTT 201	Cardiopulmonary Evaluation II ¹⁰		3				
CLIN 103	Clinical Practice III ¹¹		3				
RTT 202	Respiratory Care Procedures II		3				
RTT 202L	Respiratory Care Procedures II Lab		1				
RTT 103	Mechanical Ventilatory Tech ¹²		3				
RTT 103L	Mechanical Ventilatory Tech Lab		1				
CLIN 204	Clinical Practice IV ¹³		3				
RTT 204	Mechanical Vent Management ¹⁴		3				
RTT 204L	Mechanical Vent Management Lab		1				
RTT 205	Neonatal/Pediatric Respiratory Care		3				
RTT 207	Respiratory Home Care/Rehab ¹⁵		3				
CLIN 205	Clinical Practice V ¹⁶		2				
RTT 206	Seminar/Board Review ¹⁷		3				
	HOURS REQUIRED FOR GRADUATION: 71						

Earn A Degree Graduate Early (EDGE):

This program provides students the opportunity to receive credit for their high school EDGE courses.

- ¹ Cooperative degree between Mountwest Community & Technical College and Collins Career Center.
- ² Respiratory classes (RTT) have a prerequisite of admission to Respiratory Therapy Program and are taught by Collins Career Center faculty.
- ³ For information on admission to Respiratory Therapy program contact, Tommie Weaver at Collins Career Center (740) 867-6641 Ext. 415.
- ⁴ Students move through Respiratory Therapy coursework in sequence, beginning with first semester coursework.
- ⁵ AH 151, COM 112, and PSYC 215 have a prerequisite of placement in 100-level reading.
- ⁶ ENL 111 has a prerequisite of placement in 100-level English, and placement in 100-level reading.
- ⁷ RTT 101 has a prerequisite of RTT 102.
- ⁸ CLIN 102 has a prerequisite of CLIN 101.
- ⁹ RTT 111 has a prerequisite of RTT 101 and RTT 201.
- ¹⁰ RTT 201 has a prerequisite of RTT 102.
- ¹¹ CLIN 103 has a prerequisite of CLIN 102.
- ¹² RTT 203 has a prerequisite of RTT 111 and RTT 202.
- ¹³ CLIN 204 has a prerequisite of CLIN 103.
- ¹⁴ RTT 204 and RTT 205 has a prerequisite of RTT 103 and RTT 203.

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- 15 RTT 207 has a prerequisite of RTT 204, and RTT 205.
- 16 CLIN 205 has a prerequisite of CLIN 204.
- 17 RTT 206 has a prerequisite of RTT 207, and RTT 210.

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