

Respiratory Therapy, AAS (Collins)

Academic Year 2026-2027

Program Description:

The Respiratory Therapy Program is a cooperative effort between Collins Career Center and Mountwest Community & Technical College.

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.

Career Outlook and Salary Forecast:

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

Program Outcomes:

- Acquiring and evaluating clinical data
- Assessing to cardiopulmonary status of patients
- Performing and assisting in the performance of prescribed diagnostic studies such as: obtaining blood samples, blood gas analysis, pulmonary function testing, and polysomnography
- Evaluating data to assess the appropriateness of prescribed respiratory care
- Establishing therapeutic goals for patients with cardiopulmonary disease
- Participating in the development and modification of respiratory care plans
- Case management of patients with cardiopulmonary and related diseases
- Initiating prescribed respiratory care treatments, evaluating and monitoring patients responses to such therapy and modifying the prescribed therapy to achieve the desired therapeutic objectives
- Initiating and conducting prescribed pulmonary rehabilitation
- Providing patient, family, and community education
- Promoting cardiopulmonary wellness, disease prevention, and disease management
- Participating in life support activities as required and promoting evidence-based medicine, research, and clinical practice guidelines

Admission Requirements:

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 48 credit hours of Respiratory Therapy courses to be completed at Collins Career Center. As part of the 48 credit hours, the student will be required to complete clinical practice rotations at area health care facilities.

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.

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Mountwest empowers students to learn and lead in the community and in the workforce.

www.mctc.edu

Mountwest Community & Technical College
Academic Year 2026-2027

03/03/2026

Respiratory Therapy¹—Major Code CR20

Name:					ID Number 942-		
Educational Counselor:							
Faculty Advisor:							
COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
TERM 1							
AH 151	Medical Terminology		3				
AH 216	Basic Pharmacology		3				
BIOL 257	Intro to Anatomy and Physiology		3				
ENL 101	Written Communication ²		3				
MAT 120	Applied Professional Math ¹⁴		3				
RTT 100	Intro to Respiratory Care		1				
			16				
TERM 2							
COM 112	Oral Communication		3				
PSYC 215	Lifespan Psychology		3				
RTT 101	Respiratory Care Procedures I ³		3				
RTT 101L	Respiratory Care Procedures I Lab		1				
RTT 110	Cardiopulmonary Evaluation I		3				
CLIN 101	Clinical Practice I		3				
			16				
2nd YEAR AT COLLINS CAREER CENTER							
RTT 111	Cardiopulmonary Pathophysiology ⁵		3				
RTT 201	Cardiopulmonary Evaluation II ⁶		3				
CLIN 102	Clinical Practice II ⁴		2				
RTT 202	Respiratory Care Procedures II		3				
RTT 202L	Respiratory Care Procedures II Lab		1				
RTT 103	Mechanical Ventilatory Tech ⁸		3				
RTT 103L	Mechanical Ventilatory Tech Lab		1				
CLIN 103	Clinical Practice III ⁷		3				
RTT 205	Neonatal/Pediatric Respiratory Care ¹⁰		3				
RTT 207	Respiratory Home Care/Rehab ¹¹		3				
RTT 204	Mechanical Vent Management ¹⁰		3				
RTT 204L	Mechanical Vent Management Lab		1				
CLIN 204	Clinical Practice 4		3				
RTT 206	Seminar/Board Review ¹³		3				
CLIN 205	Clinical Practice 5		2				
			37				
Hours Required for Graduation:			69				

¹ Students move through Respiratory Therapy coursework in sequence, beginning with first semester coursework.

² ENL 101 has a prerequisite of ACT 18, SAT 480, Accuplacer 250-3--, or placed in ENL 101E. Students must earn a "C" or better in ENL 101 or ENL 101E to graduate.

³ RTT 101 has a prerequisite of RTT 102.

⁴ CLIN 102 has a prerequisite of CLIN 101.

⁵ RTT 111 has a prerequisite of RTT 101 and RTT 201.

⁶ RTT 201 has a prerequisite of RTT 102.

⁷ CLIN 103 has a prerequisite of CLIN 102.

⁸ RTT 103 has a prerequisite of RTT 111 and RTT 202.

⁹ CLIN 204 has a prerequisite of CLIN 103.

¹⁰ RTT 204 and RTT 205 has a prerequisite of RTT 103 and RTT 203.

¹¹ RTT 207 has a prerequisite of RTT 204, and RTT 205.

¹² CLIN 205 has a prerequisite of CLIN 204.

¹³ RTT 206 has a prerequisite of RTT 207, and RTT 210.

¹⁴ MAT 120 has a prerequisite of ACT Math 19, SAT 510, or Accuplacer 250.