

RESPIRATORY THERAPY, AS

Technology and Health Division

Degree S1205

The Respiratory Therapy Program, which is accredited by the Committee on Accreditation for Respiratory Care (COARC), is designed to train students to function as Respiratory Therapists.

Respiratory Therapy is the application of technical skills involving a complete understanding of cardiopulmonary physiology and recognition of various pathological conditions that alter the patient's ability to breathe effectively.

By applying medical gases under pressure - i.e., compressed air, oxygen, and other mixtures - to the airways through the use of various kinds of equipment, the therapist, under the direction of the physician, treats the diseased or ineffective respiratory system.

Some mechanical aptitude and the ability to perform fine motor movements with hands and fingers is required in learning the operation of specialized equipment. This includes diagnostic apparatus which aids the physician in detecting cardiorespiratory diseases.

This degree requires the completion of General Education coursework plus the following:

Required Courses

Course Prefix	Course Name	Units
RESD 50	Theory and Principles of Respiratory Therapy	2
RESD 51A	Respiratory Therapy Science	4
RESD 51B	Respiratory Therapy Science	4
RESD 52	Pulmonary Anatomy and Physiology	3
RESD 53	Cardiopulmonary Pathophysiology	3
RESD 55	Adult Respiratory Intensive Care	3
RESD 56A	Techniques of Respiratory Therapy	2.5
RESD 56B	Techniques of Respiratory Therapy	6
RESD 56C	Techniques of Respiratory Therapy	2.5
RESD 56D	Techniques of Respiratory Therapy	6
RESD 57B	Special Procedures for Respiratory Care	1.5
RESD 58	Neonatal Intensive Care	3
RESD 59	Respiratory Therapeutic Modalities	3
RESD 60	Comprehensive Pulmonary Assessment	2
RESD 61	Current Issues in Respiratory Care	3
RESD 62	Pharmacology for Respiratory Care	1.5
Total Units		50

Respiratory Department website (<http://www.mtsac.edu/respiratory>)

Guided Pathway of Study (<http://www.mtsac.edu/instruction>)

Entrance Requirements

In addition to meeting Mt. San Antonio College's academic standards for admission, applicants must be in good standing and satisfy the following requirements:

1. Applicants must be at least 18 years of age upon entrance into the program and must be a high school graduate or equivalent. Please provide copy of diploma as proof of high school completion.

2. File a college application and be accepted as a student at Mt. San Antonio College.
3. Applicant must take the College placement exams before taking any of the prerequisite or respiratory therapy courses.

Note: Testing is administered by the Assessment Center located in the Student Services Center, Building 9B. You may contact them at (909) 274-7500, ext. 4265, to set up an appointment.

If you have taken English and math at another college, please provide college transcripts.

For students who possess a college degree, the college placement examination is not required. However, it will be necessary for the applicant to obtain two official copies of the college transcript showing the degree issued. One official transcript must be sent to the Respiratory Therapy Program Office and the other to the Admission Office. If the degree was obtained at Mt.SAC, it is not necessary to request transcripts.

Transcripts should be addressed as follows:

Mt. San Antonio College
Health Careers Resource Center
Respiratory Therapy Program
1100 North Grand Avenue
Walnut CA 91789-1389

4. Submit an application for the Respiratory Therapy Program to the Health Careers Resource Center, Bldg. 67B, Room 250, (909) 274-4788.

All applications are dated upon receipt.

Foreign Transcripts

All coursework taken outside of the United States must be analyzed by a designated agency for foreign transcript evaluation. No foreign course work will be accepted without this evaluation. It is the sole responsibility of the applying student to get the evaluation completed before entry into the program. Information for transcript evaluation available in the Technology and Health Division.

A.S. Degree Requirements

All students entering the Respiratory Therapy Program **must** complete all the major course requirements and the general education requirements necessary to complete the Associate degree before a certificate documenting completion in Respiratory Therapy will be given. This certificate will permit the student to sit for all National Board for Respiratory Care (NBRC), Incorporated, examinations.

Other Requirements

RESD 50 pre-requisites ANAT 10A, ANAT 10B, CHEM 10, MATH 51 and MEDI 90 must be completed prior to entering the program.

All students will be required to complete a background check prior to entering the clinical education phase.

A physical examination, including specific immunizations, is required of all candidates prior to beginning classes.

These requirements are in accordance with healthcare agency policy that insures that students are in good health and free from communicable disease and able to perform their training functions. Drug testing is required as part of this physical examination. All applicants are required

to meet the Essential Functions for Success in the Respiratory Therapy Program.

Physical Demands

- Perform prolonged, extensive, or considerable standing/walking, lifting, positioning, pushing, and/or transferring patients
- Possess the ability to perform fine motor movements with hands and fingers
- Posses the ability for extremely heavy effort (lift and carry at least 50 pounds or more)
- Perform considerable reaching, stooping, bending, kneeling, and crouching

Sensory Demands

- Color vision: ability to distinguish and identify colors (may be corrected with adaptive devises)
- Distance vision: ability to see clearly 20 feet or more
- Depth perception: ability to judge distance and space relationship
- Near vision: ability to se clearly 20 inches or less
- Hearing: able to recognize a full range of tones

Working Environment

- May be exposed to infectious and contagious disease, without prior notification
- Regularly exposed to the risk of blood borne diseases
- Exposed to hazardous agents, body fluids and wastes
- Exposed to odorous chemicals and specimens
- Subject to burns and cuts
- Contact with patients having different religious, culture, ethnicity, race, sexual orientation, psychological and physical disabilities, and under a wide variety of circumstances
- Handle emergency or crisis situations
- Subject to many interruptions
- Requires decisions/actions related to end of life issues
- Exposed to products containing latex

English Language Skills

Although proficiency in English is not a criterion for admission into the Respiratory Therapy Program, students must be able to speak, write and read English to ensure patient safety and to complete classes successfully.

Special Information

The completion of the Respiratory Therapy Program and receipt of a certificate documenting completion of required courses requires completion of the Associate degree. The student may elect to pursue either the Associate in Science or Associate in Arts degree.

All students entering the program must submit an educational plan showing the major course requirements for the degree.

To remain in the program, students must maintain a “C” or better grade in all courses.

Upon completion of the Respiratory Therapy requirements, the student is given a certificate documenting completion. This certification will permit the student to sit for all National Board for Respiratory Care (NBRC), Incorporated, examinations.

Readmission Policy

To remain in the program, students must maintain a “C” or better grade in all courses. Students who are dropped, failed, or withdrew from the program may request readmission for the following year in the semester in which they were stopped or may re-start the program. Students who re-start the program will be required to retake all Respiratory Therapy courses even if satisfactory grades were received. Re-entry may occur only one time.

The Respiratory Therapy program is accredited by the Committee on Accreditation for Respiratory Care (CoARC).

Contact:

Commission on Accreditation for Respiratory Care (CoARC) 1248
Hardwood Road Bedford, TX 76021-4244 (817) 283-2835 <https://www.coarc.com/>

Program Learning Outcomes

Upon successful completion of this program, a student will be able to:

- Achieve the CRT and RRT credential.
- Demonstrate in the laboratory and clinical setting, the correct procedures for basic Respiratory Therapy treatment modalities.
- Demonstrate in the laboratory and clinical setting, the correct procedures for advanced Respiratory Therapy procedures to include manual and mechanical ventilator.

Review [Student Learning Outcomes \(SLOs\)](#) for this program.