This Respiratory Therapy Program, which is accredited by the Committee on Accreditation for Respiratory Care, 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 manual dexterity is helpful in learning the operation of specialized equipment. This includes diagnostic apparatus, which aids the physician in detecting cardiorespiratory disease.

ACCREDITATION
The Respiratory Therapy Program at Mt. San Antonio College is fully accredited by the Western Association of Schools and Colleges, the State Department of Education, and the Committee on Accreditation for Respiratory Care.

OPPORTUNITIES
The employment opportunities for Respiratory Therapists are excellent. Due to the responsibilities involved in the profession, and the growing recognition of the great need for properly trained persons, the salary scale is steadily climbing. Therefore, for the ambitious, dedicated worker, there is a real opportunity for a well paid and rewarding future. Departmental management, teaching and research are a few areas which the graduate may choose to pursue after further education and experience.

COST
There is an enrollment fee of forty-six dollars ($46) per unit* plus material fees, health service fees, college service fees and parking fees. Non-resident students are required to pay non-resident tuition fees. Please consult the college catalog for further information. The expense of enrollment, car insurance, physical examination, parking, uniforms, textbooks and related accessories (i.e., transportation to school and to and from the clinical facilities) are to be arranged by the student. Scholarships or loan funds are available; please contact Financial Aid for further information.

*All fees are subject to change.

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. Applicant 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 an online college application, (www.mtsac.edu) and be accepted as a student at Mt. San Antonio College.

3. Applicant must take the English and Math placement exams before taking any of the prerequisite or respiratory therapy courses.
   - Testing is administered by the Assessment Center located in the Student Services Center, Building 9B. You may contact them at (909) 274-4265 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 (2) 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 Admissions Office. If the degree was obtained at MSAC, 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 N. Grand Avenue
   Walnut, CA 91789

   Mt. San Antonio College
   Admissions Office
   1100 N. Grand Avenue
   Walnut, CA 91789

4. Submit an application (attached) for the Respiratory Therapy Program to the Health Careers Resource Center (Bldg. 67B, Room 250), (909) 274-4788. All applications are dated upon receipt.

5. The following courses are mandatory prerequisites. It is required that these courses be completed prior to entering the program. Prerequisite courses completed at a college other than Mt. SAC require a Variance approved by the Department offering that course at Mt. SAC. The Variance must be completed and approved before being placed on the Accept or Alternate List.

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 51</td>
<td>4</td>
<td>Elementary Algebra.</td>
</tr>
<tr>
<td>CHEM 10</td>
<td>4</td>
<td>Chemistry for Allied</td>
</tr>
<tr>
<td>MEDI 90</td>
<td>3</td>
<td>Medical Terminology,</td>
</tr>
<tr>
<td>ANAT 10A</td>
<td>4</td>
<td>Introductory Human</td>
</tr>
<tr>
<td>ANAT 10B</td>
<td>4</td>
<td>Introductory Human</td>
</tr>
</tbody>
</table>

NOTE: A combined Human Anatomy & Human Physiology course is not acceptable, unless it is 8 units and two semesters.

In addition to the above mandatory prerequisites, it is also advised that students complete their general education requirements prior to entering the program.

6. An academic preparation checklist showing the major course requirements with the general education requirements for the degree must be submitted by all students entering the program. You may make an appointment with an advisor in the Student Services Center (Bldg. 9B, 909-
274-4380) to assist you with an educational plan. No appointment is necessary for the academic preparation checklist; it is available on a drop-in basis.

- **FOREIGN TRANSCRIPTS**

  All course work 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 is available in the Technology and Health Division Office.

- **SELECTION PROCEDURE**

  Selection of students is based upon the completion of the admission requirements. Students will be selected on a first-come/first-served basis. Upon acceptance into the program you will be invited to attend a Respiratory Therapy **Mandatory Orientation**. This will be scheduled during the Spring Semester.

- **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 in Respiratory Therapy before a Certificate of Completion in Respiratory Therapy will be given. The Certificate will permit the student to sit for all National Board for Respiratory Care, Incorporated (NBRC) examinations. An Associate of Science degree in Respiratory Therapy from Mt. San Antonio College is mandated by the National Board of Respiratory Care.

- **OTHER**

  Clinical Requirement – All students will be required to pass a background check prior to entering the clinic.

  *Students analyzing the functions of a life support mechanical ventilator in the Respiratory Therapy Lab.*
CURRICULUM: To remain in the program, students must maintain a “C” or better grade in all courses and complete the general education requirements for the A.S. Degree.

FIRST YEAR

**Fall Semester**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESD 50</td>
<td>Theory and Principles of Respiratory Therapy</td>
<td>2.0</td>
</tr>
<tr>
<td>RESD 51A</td>
<td>Respiratory Therapy Science</td>
<td>4.0</td>
</tr>
<tr>
<td>RESD 52</td>
<td>Pulmonary Anatomy and Physiology</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>9.0</strong></td>
</tr>
</tbody>
</table>

**Winter Intersession**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESD 62</td>
<td>Pharmacology for Respiratory Care</td>
<td>1.5</td>
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</table>

**Spring Semester**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>RESD 51B</td>
<td>Respiratory Therapy Science</td>
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</tr>
<tr>
<td>RESD 53</td>
<td>Cardiopulmonary Pathophysiology</td>
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</tr>
<tr>
<td>RESD 60</td>
<td>Comprehensive Pulmonary Assessment</td>
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**Summer Session**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>RESD 56A</td>
<td>Techniques of Respiratory Therapy</td>
<td>2.5</td>
</tr>
<tr>
<td>RESD 57B</td>
<td>Special Procedures in Respiratory Care</td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
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SECOND YEAR

**Fall Semester**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>RESD 56B</td>
<td>Techniques of Respiratory Therapy</td>
<td>6.0</td>
</tr>
<tr>
<td>RESD 55</td>
<td>Adult Respiratory Intensive Care</td>
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</tr>
<tr>
<td>RESD 58</td>
<td>Neonatal Intensive Care</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12.0</strong></td>
</tr>
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</table>

**Winter Intersession**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESD 56C</td>
<td>Techniques of Respiratory Therapy</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**Spring Semester**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESD 56D</td>
<td>Techniques of Respiratory Therapy</td>
<td>6.0</td>
</tr>
<tr>
<td>RESD 59</td>
<td>Respiratory Therapeutic Modalities</td>
<td>3.0</td>
</tr>
<tr>
<td>RESD 61</td>
<td>Current Issues in Respiratory Care</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12.0</strong></td>
</tr>
</tbody>
</table>

**TOTAL UNITS** 49
EXPENSES TO STUDENT

Enrollment Fees: Approximately $2,254
Textbooks: Approximately $800-1000
Uniforms: Approximately $100
Stethoscope: Approximately $70-85
Physical examination: Approximately $125
Background Check: Approximately $50
CPR Card: Approximately $60
Name Tag: Approximately $7
License & Board Application Fee: $650.00
Transportation: Must have own transportation and car insurance
Meals: Not provided by the college or hospitals

PHYSICAL EXAMINATIONS

A physical examination, including specific immunizations, must be submitted to the Clinical Director prior to entrance to the clinical facility. Physical examination forms are provided by the Clinical Director and are also available in the Technology and Health Division in Building 28A, Room 101E. Drug testing will also be required as a part of this physical examination.

HEALTH CARE PROVIDER CARD (CPR)

Students must have a current CPR - Health Care Provider card prior to clinical practice. The level of CPR card required for the program is as follows:

- American Heart Association: BLS Healthcare Provider
- American Red Cross: Not acceptable

Students will be required to complete Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support, and Neonatal Resuscitation while in the program.

OUTSIDE WORK

Outside work is not recommended due to the long hours required. General education courses needed to meet graduation requirements should be taken throughout the program as your schedule permits or prior to program entry.
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
- Possess 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 devices)
- Distance vision: ability to see clearly 20 feet or more
- Depth perception: ability to judge distance and space relationships
- Near vision: ability to see 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 hazards of flammable explosive gases
- Subject to burns and cuts
- Contact with patients having different religion, 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 criteria for admission into the Respiratory Therapy Program, students are encouraged to be able to speak, write, and read English to complete classes successfully and to ensure safety for themselves and others. Students are required to speak English in the clinical setting.