



**LAMAR
INSTITUTE OF
TECHNOLOGY**

Dear Applicant:

You have indicated an interest in pursuing a career in **Respiratory Care**. Enclosed are all the necessary instructions and forms for your application to the Respiratory Care Program at Lamar Institute of Technology.

The purpose of this program is "To prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapist (RRTs)." A graduate of this two-year instructional program is awarded the Associate of Applied Science Degree.

This program is accredited by the Commission on accreditation for Respiratory Care (COARC). Enrolled students completing the program are considered graduates of a CoARC accredited program. www.coarc.com 264 Precision Blvd., Telford, TN 37690. 1-817-283-2835

Specific graduation requirements for the Respiratory Care Program are listed below:

1. A minimum grade of "C" must be earned in all courses outlined in the program of study
2. A grade point average of 2.0 must be maintained in all courses submitted on the degree plan.
3. Take and Pass the NBRC Therapist Multiple Choice assessment examinations or Take and Pass the NBRC Clinical Simulation assessment exam.

After graduation, passing the TMC at the level 1 score earns the graduate the title of "Certified Respiratory Therapist" (CRT). If you pass the TMC at the level 2 score, the graduate earns the title of "Certified Respiratory Therapist (CRT) and is eligible to take the National Board of Respiratory Care Clinical Simulation Examination (www.nbrc.org). Passing both of these examinations earns the graduate the title of "Registered Respiratory Therapist" (RRT). Additional information regarding a career in Respiratory Care may be found at www.AARC.org

Advisement is available in the rooms #106, 107, 109, and 111 of the Gateway Campus of Lamar Institute of Technology. Please contact me if you have any questions at 409-247-5248 or e-mail sltaylor@lit.edu.

Sincerely,

Stacy Taylor, RRT
Program Director

To apply for the Respiratory Care program, you will follow all instructions in the initial instruction packet. Below you will find specific requirements and information for the Respiratory Care program. These are in addition to what is listed in the original instruction packet.

1. After program acceptance, you must attend a mandatory orientation to Respiratory Care. All applicants will be notified via letter regarding the date of the orientation.
2. Students who withdraw from the program due to personal reasons or failure are required to follow procedures as outlined in the Respiratory Care Handbook.
3. One additional point will be awarded to applicants who pass HITT 1305 Medical Terminology with a "C" or better.
4. One additional point will be awarded to applicants who pass HPRS 1204 Basic Health Profession Skills with a "C" or better.
5. One additional point will be awarded to applicants who have completed all their pre-requisites and general education courses prior to acceptance.

PHYSICAL REQUIREMENTS FOR RESPIRATORY CARE

Because of the inherent characteristic of this profession, certain physical abilities are required.

VISUAL ACUITY

- To discern detail on respiratory equipment and monitoring equipment
- Perform necessary respiratory care procedures that involve seeing (ex. Inserting needles and catheters).
- Read protocol for respiratory care procedures
- Perform data entry tasks using digital and computer terminals.
- Be able to distinguish colors.

HEARING ACUTIY

- Hearing must be sufficient to communicate with others
- Hear and retain pertinent information to relay instructions
- Hear and respond to patient questions and clinical history while processing an exam order.
- Hear and respond to monitoring equipment with audible alarms
- Hear and respond to vital signs such as breath sounds, and blood pressure

SPEAKING ABILITY

- Speak clearly and loudly enough to be understood by persons within communication distance or on the phone.
- Good communication skills are also necessary to maintain good interpersonal relationships with patients, peers, and physicians.
- Speak English clearly and precisely

DIGITAL DEXTERITY

- Grasp and manipulate respiratory care equipment in order to adequately perform job function.
- Fine motor skills to manipulate small connections associated with respiratory care equipment
- Arms and hands or functional artificial limbs are essential to maintain balance to accomplish required duties and transport patients.
- Legs and feet or functional artificial limbs are essential to maintain balance to accomplish required duties and transport patients.

PHYSICAL ABILITY

- Stand for the majority of a normal workday.
- Maneuver between floors of an institution, congested areas or units
- Pull/push portable respiratory care equipment
- To lift and move immobile patients.
- Move quickly during patient emergencies
- Use stairs in case of fire or disaster

ASSOCIATE OF APPLIED SCIENCE IN RESPIRATORY CARE

Pre-requisites		General Education	
BIOL 2301 Anatomy & Physiology I	3:3:0	DORI 0200 College Success Skills+	2:2:0
BIOL 2101 Anatomy & Physiology Lab I	1:0:2	ENGL 1301 Composition	3:3:0
BIOL 2302 Anatomy & Physiology II	3:3:0	SOCI 1301 Introduction to Sociology	3:3:0
BIOL 2102 Anatomy & Physiology Lab II	1:0:2	HUMA 1315 Fine Arts Appreciation	<u>3:3:0</u>
MATH 1332 Contemporary Math I	<u>3:3:0</u>		9:9:0
	11:9:4		
Summer III			
RSPT 1201 Intro to Respiratory Care	2:1:4		
RSPT 1213 Basic RC Pharmacology	<u>2:2:1</u>		
	4:3:5		
Fall I		Spring I	
RSPT 1310 RC Procedures I	3:2:4	RSPT 2414 Mechanical Ventilation	4:3:4
RSPT 1240 Adv Cardiopulmonary A&P	2:2:1	RSPT 1311 RC Procedures II	3:2:4
RSPT 1325 RC Sciences	3:3:1	RSPT 1360 Clinical/RC	<u>3:0:18</u>
RSPT 1160 Clinical/RC Care	<u>1:0:4</u>		10:5:26
	9:7:10		
Summer III			
RSPT 1461 Clinical/RC	<u>4:0:32</u>		
	4:0:32		
Fall 2		Spring 2	
RSPT 2325 Cardio Pulmonary Diagnostics	3:3:1	RSPT 2319 Mechanical Ventilation of Neo/Pedi	3:2:4
RSPT 2255 Critical Care Monitoring	2:1:2	RSPT 2147 Specialties in RC	1:0:3
RSPT 2210 Cardiopulmonary Disease	2:1:3	RSPT 2362 Clinical/RC	3:0:18
RSPT 2361 Clinical/RC	<u>3:0:18</u>	RSPT 2230* Exam Preparation	<u>2:1:4</u>
	10:5:24		9:3:29

+DORI 0200 is an institutional requirement (unless exempt)

*Exam Prep Capstone (2.5 GPA to qualify)