

# RESPIRATORY THERAPY

This Selective Program has a competitive entry selection process based on a competitive point system. Application requirements are included in the description below.

## Associate of Applied Science

This two-year program will prepare the student's knowledge, skills and ethical attitude that will culminate in successful employment of the graduate as a licensed respiratory therapist. In turn, the graduate offers or provides optimal patient care to the community.

## Application Requirements

All applicants must:

- A. Participate in the required Prospective Student Information Session. For the session schedule, access the information online at <https://www.southtexascollege.edu/respiratory> or contact the Respiratory Therapy Program at 956-872-3023.
- B. Be admitted to the college as a high school graduate or GED equivalent.
- C. Meet TSI College Readiness Standards, or meet TSI exemption standards.
- D. Complete all prerequisite courses with a minimum of "B" as listed in the Degree plan.
- E. Earn a minimum cumulative GPA of 3.0, on a 4.0 scale.
- F. Science coursework listed in the degree plan must be within the past 5 years of nursing clinical courses. For more information contact the NAH Clinical Affairs Specialist at 872-3022.
- G. Pass a criminal background check, 10-panel drug screen through approved providers, and complete all required immunizations including Hepatitis B series.
- H. Meet Technical Standards as stated by the Program.
- I. Submit a completed Program application by stated deadline. For more information contact Respiratory Therapy Program at 872-3023 or access the information online at <https://www.southtexascollege.edu/respiratory>.

## Competitive Entry Selection Process

The Respiratory Therapy program selection criteria are based upon a point system score comprised of degree plan course GPA, number of degree plan courses and required test scores. Selection of students is made one time a year at the end of the spring semester. The deadline for applying to the Respiratory Therapy Program is the last Friday in May of the current year. Due to program size limitations, a number of applicants who meet the program admissions requirements may not be admitted to the program. Qualified applications are numerically ranked from highest to lowest in points. Applications will be available after Spring Break.

A new applicant pool is established for each admission period. Applicants who were not admitted for the current application period must re-apply to be considered for a later application period.

*NOTE: Please see program webpage for additional information regarding the application process*  
<https://www.southtexascollege.edu/respiratory>.

## Graduation Criteria

To earn an Associate of Applied Science in the Respiratory Therapy Program, a student must meet college graduation requirements and complete all coursework as prescribed in the degree plan with a minimum grade of "C" in didactic courses and minimum grade of "B" in the clinical/practicum courses.

## Program Learning Outcomes

- 1. Evaluate appropriate diagnostic and therapeutic procedure using patient data from laboratory and physiologic evaluation.
- 2. Apply effective clinical decision making skills to carry out respiratory care procedures.
- 3. Apply cardiopulmonary theory and skill to the treatment of respiratory patients in the clinical setting.
- 4. Demonstrate adherence to ethical principles and legal guidelines in the delivery of respiratory care.
- 5. Improve ventilation by initiating and altering ventilator settings based on a patient's disease process and arterial blood gas interpretations.
- 6. Demonstrate the application and limitations of blood gases, and capnography in relation to mechanical ventilation.

## Advisory Committee Members

Dr. Juan Manuel Ortiz, MD, Medical Director  
Mary Lopez, CRT McAllen Medical Center  
George Barajas, RRT, Mission Regional Medical Center  
Robert Vargas, RRT, Lee's Pharmacy  
Hermelinda G. Lopez, Starr County Hospital  
Dr. Genny Carrillo, Texas A&M Health Science Center  
Fernando Zepeda, RRT, Knapp Medical Center  
Marylou Arguijo, RRT, Doctor's Hospital at Renaissance  
Yvette Ysaguirre, RRT, Rio Grande Regional Medical Center  
Kenneth Smith, CRT, Rio Grande Regional Medical Center  
Jose Echiveste, RRT, Edinburg Regional Medical Center  
Amita Gomez, RGV Community Member, Consultant PricewaterhouseCoopers LLP  
Nianna Gustovich, RGV Community Member

## Respiratory Therapy Associate of Applied Science

### TSI Liable

Course	Title	Credit Hours
<b>Pre-requisites</b>		
RSPT 1201	Introduction to Respiratory Care	2
ENGL 1301	Composition I <sup>1</sup>	3
BIOL 2401	Anatomy and Physiology I <sup>1</sup>	4
BIOL 2402	Anatomy and Physiology II	4
MATH 1414	College Algebra <sup>1</sup>	4
<b>Credit Hours</b>		<b>17</b>
<b>First Year</b>		
<b>Fall</b>		
Social and Behavioral Sciences Elective <sup>1</sup>		3
Select one of the following:		
PSYC 2301	General Psychology	
PSYC 2314	Lifespan Growth and Development	
SOCI 1301	Introductory Sociology	
SOCI 1306	Social Problems	
Humanities Elective <sup>1</sup>		3

Select one of the following:		
PHIL 2303	Introduction to Logic	
PHIL 2306	Introduction to Ethics	
HUMA 1301	Introduction to Humanities I - Western	
RSPT 1410	Respiratory Care Procedures I	4
RSPT 1325	Respiratory Care Sciences	3
<b>Credit Hours</b>		<b>13</b>
<b>Spring</b>		
RSPT 2325	Cardiopulmonary Diagnostics	3
RSPT 2310	Cardiopulmonary Disease	3
RSPT 1411	Respiratory Care Procedures II	4
RSPT 2217	Respiratory Care Pharmacology	2
RSPT 1260	Clinical I	2
<b>Credit Hours</b>		<b>14</b>
<b>Summer</b>		
RSPT 1137	Basic Dysrhythmia Interpretation	1
RSPT 1261	Clinical II	2
<b>Credit Hours</b>		<b>3</b>
<b>Second Year</b>		
<b>Fall</b>		
RSPT 2314	Mechanical Ventilation	3
RSPT 1141	Respiratory Home Care/ Rehabilitation	1
RSPT 2353	Neonatal/Pediatric Cardiopulmonary Care	3
RSPT 2139	Advanced Cardiac Life Support	1
RSPT 2362	Clinical III	3
<b>Credit Hours</b>		<b>11</b>
<b>Spring</b>		
RSPT 2319	Mechanical Ventilation for the Neonatal/ Pediatric Patient	3
RSPT 2363	Clinical IV	3
RSPT 2231	Simulations in Respiratory Care (CAPSTONE)	2
<b>Credit Hours</b>		<b>8</b>
<b>Total Credit Hours</b>		<b>66</b>

<sup>1</sup> Identifies courses to fulfill minimum 15 credit hour General Education requirement