



RESPIRATORY CARE PROGRAM

Associate in Applied Science

Program Description

The Respiratory Care Program is a five-semester associate degree program composed of classroom study, laboratory skills, and clinical experience. Students will learn mechanical ventilation, aerosolized medication delivery, oxygen therapy, arterial blood gas interpretation, anatomy, medical terminology, pharmacology, and cardiopulmonary physiology. In addition, four semesters of clinical rotations give the students opportunities to apply theory into practice and enable students to gain essential critical thinking and problem-solving skills. Upon graduation, students will take the national certification examinations administered through the National Board of Respiratory Care (NBRC) to become Registered Respiratory Therapists.

Is it for you?

The qualified candidate should have effective critical thinking, problem-solving, patient assessment, and communication skills. In addition, the ideal candidate should have the ability to function well in stressful situations. Knowledge of cardiopulmonary physiology, respiratory gas exchange, oxygen therapy, aerosolized medications, hyperinflation therapy, chest physiotherapy, and mechanical ventilation allows the respiratory therapist to function as an integral member of the healthcare team. Do you love to solve problems? Are you a team player? If so, this may be the career for you!

Career Description

Respiratory therapists are highly specialized in pulmonary medicine to therapeutically treat patients with pulmonary disease. Respiratory Therapists, practicing under a physician's direction, assume primary responsibility for all respiratory care therapeutic and diagnostic procedures. Respiratory Therapists provide complex therapy requiring considerable independent judgment, such as caring for patients on life support in intensive care units.

Entry requirements and other program information

- ▶ BIO 112, MAT 110, PHS 101
- ▶ Meet the requirements for ENG 101
- ▶ BLS Certification

Associate Degree Respiratory Care Curriculum

Prerequisites: ENG 100 or SAT 480, Accuplacer

			CLASS	LAB	CREDIT
FALL	ENG 101	English Composition I	3	-	3
	RES 101	Intro. to Respiratory Care	3	-	3
	RES 111	Pathophysiology	2	-	2
	RES 121	Respiratory Skills I	3	3	4
	RES 123	Cardiopulmonary Physiology	3	-	3
SPRING	SPC 205	Public Speaking	3	-	3
	RES 131	Respiratory Skills II	3	3	4
	RES 150	Clinical Applications	-	12	4
	RES 246	Respiratory Pharmacology	2	-	2
SUMMER	PSY 201	General Psychology	3	-	3
	RES 141	Respiratory Skills III	2	3	3
	RES 151	Clinical Applications I	-	15	5
FALL	RES 204	Neonatal Pediatric Care	3	-	3
	RES 232	Respiratory Therapeutics	2	-	2
	RES 243	Mechanical Ventilation II	1	3	2
	RES 275	Adv. Clinical Applications I	-	15	5
SPRING	RES 220	Hemodynamic Monitoring	1	-	1
	RES 241	Respiratory Care Transition	-	3	1
	RES 249	Comprehensive Applications	1	3	2
	RES 251	Clinical Applications III	-	24	8
	XXX	Elective: Humanities/Fine Arts	3	-	3

Upon completion, you will have achieved an Associate in Applied Science | 77 total credit hours