

RSPT 151R: Fundamentals of Respiratory Care I

Introduction to basic science, theories, and technologies in respiratory care. Instruction emphasizes the esoteric knowledge required to perform respiratory care. This course includes the fundamentals of respiratory care such as patient assessment, medical terminology, physical respiratory principles/physiology, medical gases delivery systems and therapies, humidity and aerosol therapies/diagnostics, airway clearance, and lung expansion, pulmonary function testing, chest physiotherapy, arterial blood gas, oxygen transport, and chest x-ray. The basic components will be incorporated into the discussions regard an extensive investigation in cardiopulmonary anatomy and physiology.

Credits: 10

Lab Hours: 4

Lecture Hours: 8

Prerequisites:

BIOL 201R

Program: [Respiratory Therapy](#)