

RESPIRATORY CARE (RCP)

RCP-110 Introduction to Respiratory Care 4 (Credits)

This course introduces the role of the respiratory care practitioner within interprofessional teams and interacting with diverse populations. Topics include medical gas administration, basic patient assessment, infection control, and medical terminology using proper written and oral communication methods to prepare students for clinical practice. Upon completion, students should be able to demonstrate competence in respiratory therapy concepts and procedures through written and laboratory evaluations.

Class: 3 Lab: 3 Clinical: 0 Work: 0

RCP-111 Therapeutics/Diagnostics 5 (Credits)

This course provides emphasis on therapeutic and diagnostic procedures. Topics include applying problem solving strategies in the patient care setting, applying ethical principles in decision making, and practicing professional responsibilities, which will prepare students for clinical practice. Upon completion, students should be able to demonstrate competence in respiratory therapy concepts and procedures through written and laboratory evaluations.

Class: 4 Lab: 3 Clinical: 0 Work: 0

State Prerequisite(s): RCP-110

RCP-112 Patient Management 4 (Credits)

This course provides entry-level skills in respiratory care procedures in acute and non-acute care settings. Emphasis is placed on therapeutic modalities and physiological effects, monitoring mechanical ventilation, and problem-solving strategies based on evidence-based medicine protocols and clinical practice guidelines. Upon completion, students should be able to demonstrate competence in respiratory therapy concepts and procedures through written and laboratory evaluations.

Class: 3 Lab: 3 Clinical: 0 Work: 0

State Prerequisite(s): RCP-111

RCP-113 RCP Pharmacology 2 (Credits)

This course covers the drugs used in the treatment of cardiopulmonary diseases. Emphasis is placed on the uses, actions, indications, administration, and hazards of pharmacological agents. Upon completion, students should be able to demonstrate competence through written evaluations.

Class: 2 Lab: 0 Clinical: 0 Work: 0

RCP-114 C-P Anatomy & Physiology 3 (Credits)

This course provides a concentrated study of cardiopulmonary anatomy and physiology essential to the practice of respiratory care. Emphasis is placed on cardiovascular and pulmonary physiology, acid/base balance, and blood gas interpretation. Upon completion, students should be able to demonstrate competence in these concepts through written evaluation.

Class: 3 Lab: 0 Clinical: 0 Work: 0

RCP-115 C-P Pathophysiology 2 (Credits)

This course introduces the etiology, pathophysiology, clinical signs and symptoms, diagnoses, prognoses, complications, and management of cardiopulmonary diseases. Emphasis is placed on developing, evaluating, and modifying respiratory care plans based on evidence-based medicine protocols and clinical practice guidelines. Upon completion, students should be able to demonstrate competence in cardio-pulmonary disease concepts through written evaluations.

Class: 2 Lab: 0 Clinical: 0 Work: 0

RCP-123 Special Practice Lab 1 (Credits)

This course provides additional laboratory learning opportunities in respiratory care. Emphasis is placed on therapeutic procedures and equipment management. Upon completion, students should be able to demonstrate competence in concepts and procedures through laboratory evaluations.

Class: 0 Lab: 3 Clinical: 0 Work: 0

RCP-132 RCP Clinical Practice I 2 (Credits)

This course provides entry-level clinical experience. Emphasis is placed on therapeutic and diagnostic patient care. Upon completion, students should be able to demonstrate clinical competence in required performance evaluations.

Class: 0 Lab: 0 Clinical: 6 Work: 0

State Corequisite(s): RCP-110

RCP-143 RCP Clinical Practice II 3 (Credits)

This course provides entry-level clinical experience. Emphasis is placed on therapeutic and diagnostic patient care. Upon completion, students should be able to demonstrate clinical competence in required performance evaluations.

Class: 0 Lab: 0 Clinical: 9 Work: 0

State Prerequisite(s): RCP-110

State Corequisite(s): RCP-111

RCP-153 RCP Clinical Practice III 3 (Credits)

This course provides entry-level clinical experience. Emphasis is placed on therapeutic and diagnostic patient care. Upon completion, students should be able to demonstrate clinical competence in required performance evaluations.

Class: 0 Lab: 0 Clinical: 9 Work: 0

State Prerequisite(s): RCP-111

RCP-210 Critical Care Concepts 4 (Credits)

This course provides further refinement of acute patient care and underlying pathophysiology. Topics include a continuation in the application and management of mechanical ventilation, assessment underlying pathophysiology, and introduction of critical care monitoring. Upon completion, students should be able to demonstrate competence in respiratory therapy concepts and procedures through written, laboratory and/or clinical simulation evaluations.

Class: 3 Lab: 3 Clinical: 0 Work: 0

RCP-211 Advanced Monitoring/Procedures 4 (Credits)

This course includes advanced information gathering and decision making for the respiratory care professional using evidence-based respiratory care protocols. Topics include advanced cardiac monitoring, special procedures, respiratory care protocols, and disease management. Upon completion, students should be able to assess, recommend, and independently modify respiratory care protocols through written, laboratory and/or clinical simulation evaluations.

Class: 3 Lab: 3 Clinical: 0 Work: 0

State Prerequisite(s): RCP-210

RCP-214 Neonatal and Pediatric Respiratory Care 2 (Credits)

This course provides comprehensive coverage of the concepts of neonatal and pediatric respiratory care. Emphasis is placed on pathophysiology, patient assessment and special therapeutic needs of neonates and children based on evidence-based medicine protocols and clinical practice guidelines. Upon completion, students should be able to demonstrate competence in the neonatal and pediatric respiratory care concepts through written, laboratory and/or clinical simulation evaluations.

Class: 1 Lab: 3 Clinical: 0 Work: 0

State Prerequisite(s): RCP-111

RCP-215 Career Preparation 1 (Credits)

This course provides an overview of respiratory therapy concepts in preparation for credentialing exam. Emphasis is placed on registry preparation. Upon completion, students should be able to demonstrate a comprehensive knowledge of respiratory therapy and be prepared for successful completion of the credentialing process.

Class: 0 Lab: 3 Clinical: 0 Work: 0

RCP-222 Special Practice Lab 1 (Credits)

This course provides additional laboratory learning opportunities in respiratory care. Emphasis is placed on therapeutic procedures and equipment management. Upon completion, students should be able to demonstrate competence in concepts and procedures through laboratory evaluations.

Class: 0 Lab: 2 Clinical: 0 Work: 0

RCP-223 Special Practice Lab 1 (Credits)

This course provides additional laboratory learning opportunities in respiratory care. Emphasis is placed on therapeutic procedures and equipment management. Upon completion, students should be able to demonstrate competence in concepts and procedures through laboratory evaluations.

Class: 0 Lab: 3 Clinical: 0 Work: 0

RCP-235 RCP Clinical Practice IV 5 (Credits)

This course provides advanced practitioner clinical experience. Emphasis is placed on therapeutic and diagnostic patient care. Upon completion, students should be able to demonstrate clinical competence in required performance evaluations.

Class: 0 Lab: 0 Clinical: 15 Work: 0

State Prerequisite(s): RCP-111

State Corequisite(s): RCP-210

RCP-245 RCP Clinical Practice V 5 (Credits)

This course provides advanced practitioner clinical experience. Emphasis is placed on therapeutic and diagnostic patient care. Upon completion, students should be able to demonstrate clinical competence in required performance evaluations.

Class: 0 Lab: 0 Clinical: 15 Work: 0

State Prerequisite(s): RCP-210

State Corequisite(s): RCP-211