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## COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

### ADV MONITORING/PROCEDURES

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**RCP-211      Adv Monitoring/Procedures      4 (3-3)    Fall**

**Prerequisites:** RCP-210<sup>S</sup>

**Corequisites:**

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. (2017 FA)

### C-P ANATOMY & PHYSIOLOGY

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**RCP-114      C-P Anatomy & Physiology      3 (3-0)    Fall**

**Prerequisites:**

**Corequisites:**

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. C-P A & P (2008 SP)

### C-P PATHOPHYSIOLOGY

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**RCP-115      C-P Pathophysiology      2 (2-0)    Summer**

**Prerequisites:**

**Corequisites:**

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. (2017 FA)

### CAREER PREPARATION

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**RCP-215      Career Preparation      1 (0-3)    Spring**

**Prerequisites:**

**Corequisites:**

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. (2017 FA)

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## CRITICAL CARE CONCEPTS

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**RCP-210      Critical Care Concepts      4 (3-3)      Summer**

**Prerequisites:** RCP-111<sup>L</sup>

**Corequisites:**

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. (2017 FA)

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## INTRO TO RESPIRATORY CARE

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**RCP-110      Intro to Respiratory Care      4 (3-3)      Fall**

**Prerequisites:**

**Corequisites:**

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. (2017 FA)

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## NEONATAL/PED'S CONCEPTS

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**RCP-213      Neonatal/Ped's Concepts      2 (2-0)      Fall**

**Prerequisites:** RCP-111<sup>S</sup>

**Corequisites:**

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 evaluations. (2017 FA)

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## RCP CLINICAL PRACTICE I

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**RCP-139      RCP Clinical Practice I      9      Fall  
(0-0-27)**

**Prerequisites:**

**Corequisites:** RCP-110<sup>S</sup>

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. (1997 SU)

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## RCP CLINICAL PRACTICE II

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RCP-149      RCP Clinical Practice II      9      Spring  
(0-0-27)

**Prerequisites:** RCP-110<sup>S</sup>

**Corequisites:** RCP-111<sup>S</sup>

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. (1997 SU)

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## RCP PHARMACOLOGY

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RCP-113      RCP Pharmacology      2 (2-0)      Spring

**Prerequisites:**

**Corequisites:**

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. (1997 SU)

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## THERAPEUTICS/DIAGNOSTICS

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RCP-111      Therapeutics/Diagnostics      5 (4-3)      Spring

**Prerequisites:** RCP-110<sup>S</sup>

**Corequisites:**

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. (2017 FA)