

RCP 211  
ADVANCED MONITORING/PROCEDURES

COURSE DESCRIPTION:

Prerequisites: RCP210, RCP214 and RCP235

Corequisites: RCP215, RCP 245

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. Course Hours Per Week: Class, 3. Lab, 3. Semester Hours Credit: 4.

LEARNING OUTCOMES:

At the completion of the course requirements, the students should be able to:

- I. Monitor a patient's cardiovascular status
- II. Perform bedside pulmonary measurements
- III. Research current literature on respiratory care
- IV. Monitor, assess, and interpret exercise test data
- V. Make a work schedule for a department
- VI.

- IV. Monitor, assess, and interpret exercise test data
  - a. Stress testing
  - b. Timed walk test
  - c. General procedures and setup
  - d. Hazards and complications
  - e. Equipment
  - f. Specialty gases
  
- V. Make a work schedule for a department
  - a. Review manpower needs
  - b. Different types of scheduling possibilities
  
- VI. Function in the role of a charge therapist to divide workloads accordingly
  - a. Duties of charge therapist
  - b. Matching staff to departmental needs
  
- VII. Devise a work evaluation sheet that fairly measures worker productivity
  - a. Role of the supervisor in evaluation
  - b. Forms of evaluation and their usage
  - c. Group role playing
  
- VIII. Construct and present a power-point oral presentation
  - a. Power-point skills
  - b. Oral presentations pointers
  - c. Present oral presentation
  
- IX. Successfully complete self-assessment clinical simulation exams
  - a. Review of test matrix
  - b. Review test materials and computerized simulations
  - c. Practice timed tests

## REQUIRED TEXTBOOKS AND MATERIALS:

Textbook to be selected by instructor.

## STATEMENT FOR STUDENTS WITH DISABILITIES:

6WXGHQWV ZKR UHTXLUH DFDGHPLF DFFRPPRGDWLRQV GXH W  
 GLVDELOLW\ DUH HQFRXUDJHG WR UHTXHVW DVVLVWDQFH IUR  
 ILUVW WZR ZHHNV RI FODVV /LNHZLVH VWXGHQWV ZKR SRWI  
 GXH WR DQ\ FKURQLF KHDOWK FRQGLWLRQ DUH HQFRXUDJHG V  
 VHUYLFHV FRXQVHORU ZLWKLQ WKH ILUVW WZR ZHHNV RI FOD  
 919-536-7208 or by visiting the Student Development Office in the Phail Wynn Jr. Student  
 Services Center, room 10-209.