

RCP 223
SPECIAL PRACTICE LAB

COURSE DESCRIPTION:

Prerequisites: RCP 153, and RCP 222

Corequisites: RCP 210, RCP 214 and RCP 234

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. Course Hours Per Week: Class, 0. Lab, 3. Semester Hours Credit: 1.

LEARNING OUTCOMES:

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

- I. Perform entry-level therapeutic procedures
- II. Perform advanced airway care
- III. Manage mechanical ventilators

OUTLINE OF INSTRUCTION:

- I. Perform entry-level therapeutic procedures
 - a. Oxygen administration
 - b. Bronchodilator therapy
 - c. Lung expansion therapy
 - d. Bronchial hygiene therapy
 - e. Obtain an ABG
 - f. Nasal tracheal suctioning
- II. Perform advanced airway care
 - a. Intubation
 - b. Endotracheal suctioning
 - c. Endotracheal tube care
 - d. Extubation
 - e. Tracheostomy care
- III. Manage mechanical ventilators
 - a. Set-up
 - b. Systems check
 - c. Initiation
 - d. Monitoring

- e. Changing parameters
- f. Circuit change
- g. Troubleshooting
- h. Weaning
- i. Discontinuation
- j. Documentation

REQUIRED TEXTBOOKS AND MATERIALS:

Textbook to be selected by instructor

STATEMENT FOR STUDENTS WITH DISABILITIES:

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from a disability services counselor within the first two weeks of class. Likewise, students who potentially require emergency medical attention due to any chronic health condition are encouraged to disclose this information to a disability services counselor within the first two weeks of class. Counselors can be contacted by calling 919-536-7208 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 10-209.