

RCP 123
SPECIAL PRACTICE LAB

COURSE DESCRIPTION:

Prerequisites: Restricted to students in Respiratory Therapy program

Corequisites: RCP 111, RCP 115, RCP 14

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. Obtain patient information
- II. Obtain vital signs
- III. Perform a physical examination
- IV. Infection control
- V. Perform oxygen administration
- VI. Use of gas cylinders
- VII. Apply gas metering devices
- VIII. Obtain an ABG
- IX. Monitor pulse oximetry
- X. Accurate charting / documentation

OUTLINE OF INSTRUCTION:

- I. Obtain patient information
 - a. Interview techniques
 - b. Obtain a patient's history
- II. Obtain vital signs
 - a. Heart rate
 - b. Blood pressure
 - c. Respiratory rate
- III. Perform a physical examination
 - a. Inspection
 - b. Palpation
 - c. Percussion
 - d. Auscultation

- IV. Infection control
 - a. Proper hand washing
 - b. Universal precautions
 - c. Applying personal protective devices
 - d. Equipment care
- V. Perform oxygen administration
 - a. Low-flow devices
 - b. High-flow devices
 - c. Bland aerosol devices
- VI. Use of gas cylinders
 - a. E cylinder
 - b. H cylinder
- VII. Apply gas metering devices
 - a. Regulators
 - b. Flow-meters
- VIII. Obtain an ABG
- IX. Monitor pulse oximetry
- X. Accurate charting / 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.