COURSE DESCRIPTION:

Prerequisites: Restricted to students in Respiratory Therapy program
Corequisites: RCP 111, RCP 115, RCP 145

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 919-536-7207, ext. 1413 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1209.