

RCP 132
CLINICAL PRACTICE I

COURSE DESCRIPTION:

Prerequisites: Restricted to students enrolled in Respiratory Therapy program

Corequisites: RCP 110, RCP 113, RCP 114

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: Clinical 6. Semester Hours Credit, 2.

LEARNING OUTCOMES:

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

- a. Understand and be able to use basic medical terminology in professional communications.
- b. Become certified in basic cardiac life support.
- c. Assess vital signs and perform basic nursing techniques.
- d. Perform a physical exam of the chest.
- e. Understand the components of, and be able to read a patient's medical chart.
- f. Be able to utilize universal and special precautions in the hospital setting.
- g. Be able to identify, assemble, and apply various devices for the delivery humidity, aerosol, and oxygen therapy to appropriate patients in the hospital setting.

OUTLINE OF INSTRUCTION:

- I. Basic medical terminology
 - A. Define the medical terms used in BCLS.
 - B. Recognize and define the medical terms used in the physical assessment of the patient with cardiac and/or pulmonary disease.
 - C. Recognize and define the medical terms and abbreviations commonly used in the hospitalized patient's medical record.
- II. Basic cardiac life support
 - A. Be able to perform one man and two man adult CPR.
 - B. Be able to perform infant and child CPR.
 - C. Be able to perform the techniques necessary to clear the obstructed airway of the conscious and unconscious adult, child, and infant.
- III. Vital signs and basic nursing techniques
 - A. Identify abnormal and normal values for respiratory rate, blood pressure, pulse, and temperature.
 - B. Measure and record respiratory rate, blood pressure, pulse, and temperature.
 - C. Body mechanics and techniques to assist patient positioning in bed and for ambulation.

- IV. Chest physical exam
 - A. Identify the physical landmarks of the chest.
 - B. Be able to use and properly position the stethoscope for a chest exam.
 - C. Identify the presence and significance of normal, abnormal, and adventitious breath sounds.
 - D. Describe the techniques for inspection, palpation, and percussion of the chest.
 - E. Describe the symptoms of cardiopulmonary disease.

- V. Components of and utilization of the patient's medical record
 - A. Identify the segments of the chart.
 - B. Identify the standard components of an admission note in the hospitalized patient's chart.
 - C. Use a computer patient database.

- VI. Basic aseptic techniques and precautions in the hospital setting
 - A. Identify and note the location of special precaution signs in affiliated hospitals.
 - B. Identify the components of and be able to utilize universal precautions.
 - C. Identify and be able to utilize special precautions such as respiratory and protective isolations.
 - D. Utilize appropriate hand washing techniques in the hospital setting.
 - E. Identify appropriate techniques for equipment sterilization.

- VII. Various humidity, aerosol, and oxygen delivery devices
 - A. Humidity devices.
 - B. Aerosol devices.
 - C. Small and large volume nebulizers.
 - D. Oxygen delivery devices.

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.