



Course Description

RET2714L | Perinatal & Pediatric Respiratory Care Laboratory | 1.00 credits

This is an introductory laboratory course that will explore assessment and Respiratory Care therapeutics of the perinatal and pediatric patient populations. The student will learn to apply physical assessment techniques, oxygen aerosol and humidity therapies, therapeutic procedures, airway management, resuscitation and management of mechanical ventilation. Corequisite: RET2714.

Course Competencies

Competency 1: The student will perform BLS with an AED for infants and children under eight years, evaluating a pediatric patient, recognizing detrimental conditions, and performing life-sustaining techniques with a mannequin by:

1. Performing high-quality CPR for a child and infant with an AED
2. Recognizing and treating arrhythmias and identifying the cause
3. Recognizing and managing respiratory problems and identifying the cause
4. Recognizing and managing shock and identifying the cause

Competency 2: The student will demonstrate the procedure to assist with the delivery of a newborn, evaluate the patient, recognize detrimental conditions and perform sustaining techniques with a mannequin by:

1. Performing initial steps after delivery
2. Demonstrating high-quality CPR and equipment
3. Performing endotracheal intubation and
4. Identify the medication necessary

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of ethical thinking and its application to issues in society
- Use computer and emerging technologies effectively