Outline of Instruction

Division: Health Sciences  Area: Respiratory Therapy

Course Number: RTH 216  Course Name: Perinatal/Pediatric Management

Prerequisite: RTH 120 Respiratory Care Techniques III

Corequisite:

Hours Required: Class: 45 (including lab)  Lab: variable  Credits: 2

Course Description/Purpose

This classroom and laboratory course covers topics including fetal growth and development, patient assessment, commonly encountered equipment, and the clinical management of common neonatal/pediatric diseases and conditions.

Major Units

1. Fetal Development & High Risk Deliveries
2. Neonatal Resuscitation & Assessment of the Neonate
3. Cardiopulmonary Diseases of the Neonate
4. Neonatal Cardiopulmonary Management

Educational/Course Outcomes

Student learning will be assessed by a variety of methods, including, but not limited to, quizzes and tests, laboratory/clinical exercises and examinations, computerized clinical simulations, homework assignments, and instructor observations.

Cognitive  Each student will be expected to:

- describe normal fetal growth and development;
- describe commonly encountered cardiopulmonary congenital defects;
- describe the resuscitation, airway care, and management of a distressed newborn;
- describe and differentiate techniques associated with ascertaining the perinatal/pediatric history; physical, laboratory and radiological examination; and invasive/non-invasive monitoring;
- describe and differentiate the techniques and equipment used to manage perinatal/pediatric patients;
- describe commonly encountered perinatal/pediatric diseases/conditions as they pertain to etiology, clinical manifestations, diagnosis, and management.