Outline of Instruction

Division: Health Sciences  Area: Respiratory Therapy
Course Number: RTH 121  Course Name: Respiratory Care Clinical Practice II
Prerequisite: RTH 111 - Respiratory Care Clinical Practice I
Corequisite:

Hours Required:  Class: 0  Clinic: 96  Credits: 2

Course Description/Purpose

This clinical course provides three types of experience for the respiratory therapy student. First, there will be a continuation of basic respiratory care modalities from the previous semester. Second, the diagnostic areas of basic pulmonary function testing, arterial blood gas puncture and analysis, and 12-lead electrocardiography will be introduced. Third, the student will receive an orientation to volume control ventilation in the adult ICU environment. In addition, weekly clinic seminars will be held on campus to facilitate student learning.

Major Units

1. General Respiratory Care (emphasis on chest physiotherapy and pediatrics)
2. Pulmonary Function Testing
3. 12-Lead Electrocardiography
4. Introduction to Respiratory Care in the Adult Intensive Care Unit

Educational/Course Outcomes  RTH 121

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

Cognitive

Each student will be expected to:

• maintain adequate levels of theoretical knowledge, skill, and affective behaviors as outlined in RTH 111 objectives;
• describe, explain, and perform or demonstrate set-up and usage activities with all equipment listed on the assigned equipment list;
• cite indications, contraindications, benefits, hazards, and negative side-effects associated with all therapies applied during this experience.
RTH 121 Respiratory Care Clinical Practice II

**Performance**

Each student will be expected to:

- perform, according to clinical proficiency and task analysis guidelines, therapy cognate skills including: reporting, chart evaluations, handwashing, pre and post-therapy patient assessment, therapy evaluation techniques, responding to therapy complications, charting, and others as assigned;
- perform, according to clinical proficiency and task analysis guidelines, the following therapies and skills: bronchopulmonary hygiene therapy, basic pulmonary function testing, electrocardiography, arterial blood gas sampling and analysis, pediatric aerosol enclosure therapy, care of artificial airways, bedside spirometry, and others as assigned;
- perform, according to clinical proficiency and task analysis guidelines, the following procedures in adult ICUs: volume control ventilator checks, ventilator preparation and application, and others as assigned;
- practice concepts of patient and professional intercommunication skills, and respiratory safety techniques while engaged in all hospital activities.

**Attitudinal**

Each student will be expected to:

- display acceptable fluency in professional attitudes, professional medical ethics, and concern for patient’s rights as prescribed in the Respiratory Therapy program’s Clinical Information and Policies manual.