Course Prefix and Number: RTH 290

Credits: 2

Course Title: Coordinated Practice in Respiratory Therapy: ACC/NPCC IV

Course Description: Supervises on-the-job training. Further develops critical respiratory care clinical skills and critical-thinking skills. Students rotate through several critical care units (adult, pediatric, and neonatal) and practice and are evaluated on advanced-level critical care skills. Students also develop skills in hemodynamic monitoring and polysomnography. Prerequisites: Successful completion of all curriculum courses offered during the first four semesters of the AAS degree in Respiratory Therapy. Laboratory 10 hours per week.

General Course Purpose: The purpose of this clinical course is to familiarize and evaluate students on advanced critical care skills, hemodynamic monitoring, and polysomnography

Course Prerequisites and Co-requisites:
Prerequisites: Successful completion of all curriculum courses offered during the first four semesters of the AAS degree in Respiratory Therapy

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Integrate previous respiratory critical thinking with acute care patients;
b. Demonstrate advanced independent competencies on adult, neonatal, and pediatric critical care patients;
c. Demonstrate advanced competencies in critical care monitoring areas of transcutaneous monitoring and capnography;
d. Demonstrate independent competence in doing ventilator initiations, circuit changes, and patient-ventilatory system care;
e. Demonstrate independent competence with trach care and trach changes; and
f. Demonstrate independent competence with basic hemodynamic monitoring and shunt study computations.

Major Topics to Be Included:
a. Ventilator initiation
b. Ventilator circuit change
c. Patient-Ventilator system care
d. Neonatal/Pediatric ventilation
e. Tracheostomy tube change
f. Transcutaneous monitoring
g. Capnography
h. Hemodynamic monitoring
i. Shunt studies

Date Created/Updated (Month, Day, and Year): December 1, 2017