

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number:** RTH 290

**Credits:** 3

**Course Title:** Coordinated Internship ACC/NPCC IV

**Course Description (including lecture hours, lab hours, total contacts)**

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 become evaluated on advanced level critical care skills. Students also develop skills in hemodynamic monitoring and polysomnography. 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/Corequisites** (*Entry-level competencies **required** for enrollment*)

The student must be a "CRT" or "CRT Eligible"

**Course Objectives** (Each item should complete the following sentence.)

Upon completing the course, the student will be able to:

1. The student will be expected to further refine their adult, neonatal, and pediatric critical care skills and to further develop critical thinking necessary for this environment.
2. The student will be competent in the critical care monitoring areas of transcutaneous monitoring and capnography.
3. The student will demonstrate competence in doing ventilator initiations, circuit changes, and patient-ventilatory system care.
4. The student will demonstrate competence with trach care and trach changes.
5. The student will demonstrate competence with basic hemodynamic monitoring and shunt study computations.

**Major Topics to be Included**

Ventilator Initiation  
Ventilator Circuit Change  
Patient-Ventilator System Care  
Neonatal/Pediatric Ventilation  
Tracheostomy Tube Change  
Transcutaneous Monitoring  
Capnography  
Hemodynamic Monitoring  
Shunt Studies

**Effective Date of Course Content Summary:** September 24, 2008