

## Course Objectives/Course Outline Spokane Community College

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**Course Title: Critical Care Clinical II**

**Prefix and Course Number: RT 421**

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### **Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

During this Second Adult Critical Care clinical rotation, the student is expected to adhere to the student policies and grading timelines, while they observe, assist and apply, under direct supervision, all of the following:

- Demonstrate previously learned clinical skills, while displaying appropriate cognitive behavior, affective behavior, and work ethic traits to include attendance per assigned clinical schedule.
- Select appropriate equipment in a corresponding storage area for patient care.
- Provide Lung Protective measures to prevent Barotrauma, Volutrauma, Atelectrauma, and Biotrauma.
- Demonstrate how to Draw from the Arterial Line and/or Pulmonary Artery Mixed Venous port.
- Perform techniques for improving oxygenation and ventilation with the addition of Mobility, Prone, APRV, PGVC, PSV, PRVC, VC, VS, PAV, and Permissive Hypercapnia technique.
- Perform adult ventilator monitoring with the addition of:
  - Rapid Shallow Breathing Index
  - Pressure-Volume Curve, Flow Volume Loop and Flow Time Curve for Auto-PEEP
  - Mean Airway Pressure
  - Hemodynamics from PA catheter, Central Venous Catheter, and/or SvO<sub>2</sub> monitor.
  - Chest Tube and drainage system integrity
- Transport a patient within the hospital using a bag/valve resuscitator or transport ventilator including to MRI.
- Maintain daily logs, weekly self-evaluations, of practice skills with perception of day activities/events and physician interactions
- Complete weekly self-evaluations ~~with bi-weekly self-assessment~~ of strengths and weaknesses, ventilator patient care plans, physician interactions, and preceptor evaluations.
- Function as an active member of the Health Care Team.

### **Course Outline:**

- I. Orientation to the facility to include a tour of the critical care environment, equipment storage areas, and Respiratory Care Department with log-in sheets, excused absenteeism forms, and a timeline for notebook review.
- II. Continuation of Electronic medical record keeping required.
- III. Participating in Shift Reports and time management with assigned patients.
- IV. Continued Chart Review for patients and appropriate documentation after therapy.
- V. Attending physician rounds and other physician interaction opportunities.
- VI. Continued Critical Care Patient Care Plans on specific patients with a ventilator flowsheet and hemodynamic monitoring.
- VII. Maintenance of previously completed skills and notebooks.

VIII. Completion of performance skills, daily logs, weekly self-evaluations, patient care plans, physician interactions, preceptor evaluations weekly, and additional options leading to the Final grade.