



Course Description

RET2834 | Respiratory Care Clinic 3 | 8.00 credits

This course is a continuation of RET 2833. Training will be provided on the clinical application of procedures and techniques relating to respiratory critical care. Prerequisites: RET2284, 2284L; corequisites: RET2714.

Course Competencies

Competency 1: The student will demonstrate the ability to recommend, administer, and adjust medications according to the patient's condition by:

1. Setting up Aerosolized Medication During Mechanical Ventilation (SVN / MDI)

Competency 2: The student will demonstrate the performance of indicated procedures for therapeutics or to collect pertinent clinical information by:

2. Identifying need and performing Endotracheal (ETT) or Tracheostomy (TT) Suctioning With/Without Closed Suction
3. Performing Endotracheal Tube Fixator/ Tape Change/ Reposition
4. Performing ETT/TT Cuff Pressure Measurement / Minimal Occluding Volume
5. Explaining need and performing Extubation
6. Performing Initiating Mechanical Ventilation (Volume Control / Pressure Control)
7. Performing Measuring Weaning Parameters (Ve, f, Vt, VC, RSBI, MIP): Respiratory Mechanics
8. Performing Patient-Ventilator System Check
9. Performing Ventilator Function test (OVP)
10. Performing Intubation and post-intubation assessment
11. Demonstrating procedures for initiating noninvasive positive pressure ventilation.

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of ethical thinking and its application to issues in society