



Course Outcome Summary

Required Program Core Course

RTH 214 – Adult Critical Care Management

Course Information

Division	Health Sciences
Contact Hours	4
Theory	45
Lab Hours	20
Total Credits	3

Prerequisites

RTH 120 – Respiratory Care Techniques III &
RTH 121 – Respiratory Care Clinical Practice II

Co-requisite

RTH 211 – Respiratory Clinical Practice III
RTH 212 – Advanced Cardiopulmonary Anatomy & Physiology
RTH 216 – Neonatal/Pediatric Management

Course Description

This classroom and laboratory course covers the cardiopulmonary equipment, techniques and management theory for the adult patient in an intensive care unit. Topics include advanced concepts in ventilation techniques and management of the adult patient in a variety of specialty intensive care units. Laboratory topics will cover important skills involved with Advanced Cardiac Life Support, ventilation modes, arterial lines, chest tubes and other technical skills needed by a registered respiratory therapist.

This course is a required core course for students pursuing an Associate of Applied Science - Respiratory Therapy

Program Outcomes Addressed by this Course:

Upon successful completion of this course, students should be able to meet the program outcomes listed below:

- A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
- B. Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.

Course Outcomes

In order to evidence success in this course, the students will be able to:

1. Categorize and differentiate cardiopulmonary diagnostic monitoring and cardiopulmonary management techniques seen in the adult Intensive Care Unit setting.
Applies To Program Outcome
 - A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.



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2. Apply appropriate ventilation techniques, settings, alarms, and alterations thereof when given pertinent or varying adult critical care clinical data.
Applies To Program Outcome
 - A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
 - B. Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.

3. Recommend the use of or give the rationale behind the principles of advanced adult critical care and procedures modalities based on a given patient presentation.
Applies To Program Outcome
 - A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
 - B. Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.

4. Apply ACLS protocols for appropriate patient scenarios.
Applies To Program Outcome
 - B. Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.

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By: ALP