



# Course Outcome Summary

## Required Program Core Course

### RTH 110 – Respiratory Care Techniques II

#### Course Information

Division	Health Sciences
Contact Hours	7
Theory	60
Lab Hours	45
Total Credits	5

#### Prerequisites

RTH 100 – Respiratory Care Techniques I  
RTH 102A – Pharmacology for Respiratory Therapists  
RTH 104 – Cardiopulmonary Assessment  
BIO 258 – Anatomy & Physiology II

#### Co-requisites

RTH 102B – Pharmacology for Respiratory Therapists  
RTH 111 – Respiratory Clinical Practice I  
RTH 116 – Cardiopulmonary Pathophysiology

#### Course Description

This classroom and laboratory course continues the introduction to basic duties of respiratory care practitioners. Emphasis will be placed on patient assessment, basic therapy modalities, airway management, cardiopulmonary diagnostic equipment and techniques, and an introduction to continuous mechanical ventilation.

**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:

- 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.
- 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:

- Achieve mastery level knowledge of commonly administered respiratory care medications and demonstrate skill in the delivery thereof via multiple delivery devices.

##### Applies To Program Outcomes

- 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.
- Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.

- Identify physiologic effects, indications, contraindications, hazards, and theories of operation, and demonstrate proper usage of common hyperinflation therapies, chest physical therapies, and manual ventilation bags.

##### Applies To Program Outcomes

- 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.
- Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.



# Course Outcome Summary

## Required Program Core Course

### RTH 110 – Respiratory Care Techniques II

3. Recognize the major types of artificial airways/ advanced airway adjuncts and compare/contrast the indications, contraindications, hazards, and management techniques (including intubation, intubation assist, extubation, and suctioning) of each, and demonstrate appropriate management/hygiene techniques.  
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. Identify indications, contraindications, hazards, and common errors of, and demonstrate basic skills in arterial puncture and blood gas sample processing.  
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.
  
5. State pulmonary function testing procedures, and analyze spirometry values indicating normal, obstructive or restrictive ventilatory patterns.  
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.

Date Updated: 6.2019  
By: HS/IA/AP