



### Course Information

Division	Health Sciences
Contact Hours	2
Theory	30
Total Credits	2

### Prerequisites

Admission into the Respiratory Therapy program

### Co-requisites

RTH 100 – Respiratory Care Techniques I

RTH 104 – Cardiopulmonary Assessment

### Course Description

This course provides an overview of general pharmacology principles and various drug categories that surround the care of cardiopulmonary patients. Emphasis will be made on drugs used in the critical care management of cardiopulmonary conditions as well as a thorough treatment of drugs administered directly by respiratory therapists.

**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.

### Course Outcomes

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

1. Discuss basic pharmacological concepts of drug actions, drug toxicities, metabolism, and excretion as pertains to drugs commonly administered by respiratory therapists.  
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.
2. Define commonly used pharmacological terms and nomenclature.  
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.
3. State indications, contraindications, side effects, and standard and maximum adult dosages for common bronchoactive drugs.  
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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# Course Outcome Summary

## Required Program Core Course

### RTH 102 – Pharmacology for Respiratory Therapists

4. Discuss, as relevant to respiratory care practitioners, usage of drug agents from the following drug categories: cardiovascular drugs, steroids, antibiotics, CNS and ANS chemotherapeutic agents.

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.

5. Perform any calculations necessary to validate appropriateness of an order for medications administered by respiratory therapists.

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: 4/18/2016  
By: NAP