



Course Outcome Summary

Required Program Core Course

RTH 102A – Pharmacology for Respiratory Therapists I

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

BIOL 258 – Anatomy & Physiology II (Must be successfully completed prior to or concurrently)

Course Description

This course provides an overview of general pharmacology principles and various drug knowledge such as bronchodilators and anti-inflammatory agents. Emphasis will be made on drugs used in 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. Interpret 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. Identify 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.



MONROE COUNTY
COMMUNITY COLLEGE

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4. Recognize, as relevant to respiratory care practitioners, the usage of drug agents from the following drug categories: steroids, xanthine derivatives, autonomic nervous system therapeutic agents, and non-steroidal anti-asthmatic 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 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: 1/23/19
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