

Northwest Arkansas Community College
Health Professions Division
Respiratory Therapy Program

Discipline Code

RESP

Course Number

2222

Course Title

Pharmacology for Respiratory Care

Catalog Description

(S) A discussion of drugs and families of drugs used in respiratory therapy. Emphasis will be placed on drugs administered by respiratory therapists. Cardiac, anesthetic, antimicrobial, and paralytics will also be discussed.

Prerequisites

Admission by acceptance into the Respiratory Therapy Program only.

Credit Hours

2

Contact Hours

32

Load Hours

2

Semesters Offered

Spring

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

- Incorporate the basic concepts and principles in pharmacology to the practice of Respiratory Care.
- Interpret drug information
- Relate the sympathetic and parasympathetic nervous system processes to the effects and function of pharmacologic therapies.
- Recognize physiologic consequences of pharmacologic therapy, including drug elimination, alteration, and effectiveness.
- Evaluate the drugs used in respiratory care by their mechanism of action, indications, contraindications, potential hazards, and conventional dosages and routes.
- Evaluate the drugs used in critical and cardiovascular care by their mechanism of action, indications, contraindications, potential hazards, and conventional dosages and routes.
- Propose appropriate pharmacologic therapy based on patient evaluation, disease conditions, and expected outcomes.
- Revise pharmacologic therapies accordingly.

General Education Outcomes Supported

- Students develop higher order thinking skills.
- Students can employ a variety of sources to locate, evaluate, and use Information.