

Northwest Arkansas Community College
Health Professions Division
Respiratory Therapy Program

Discipline Code

RESP

Course Number

2514

Course Title

Mechanical Ventilation II

Catalog Description

(S) A laboratory course building on RESP 2414. Emphasis will be placed on new modes of mechanical ventilation, special procedures, and weaning from mechanical ventilation.

Prerequisites

Admission by acceptance into the Respiratory Therapy Program only.

Credit Hours

4

Contact Hours

48 contact hours 16 lab hours

Load Hours

6

Semesters Offered

Spring

ACTS Equivalent

None

Grade Mode

A-F

Learning Outcomes

- Compare and contrast ventilator associated pneumonia and hospital acquired pneumonia.
- Create a VAP protocol for implementation to prevention, diagnose, and treat VAP
- Relate common pharmacologic agents used in critical care medicine to the management of ventilator assisted individuals
- Differentiate the pulmonary and extra-pulmonary effects of mechanical ventilation
- Demonstrate the ability to wean patients from mechanical ventilation using a variety of methods.
- Recommend weaning modalities appropriate to patient conditions and adapt as indicated.
- Examine the use of mechanical ventilation in the home
- Determine the cause of ventilator errors and correct as needed
- Examine and apply advanced modes and special techniques used in mechanical ventilation

General Education Outcomes Supported

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