NorthWest Arkansas Community College
Division of Allied Health

Course Number and Title

RESP 2523 Clinical Practicum III

Catalog Description

A continuum from RESP 2423. Emphasis will be on managing and weaning the mechanically ventilated patient, pediatrics, and neonatal care. Students will also be exposed to pulmonary diagnostics, home care, sleep studies, and cardiopulmonary rehabilitation

Prerequisites

- Anatomy and Physiology I
- Anatomy and Physiology II
- Introduction to Computer Information
- College Algebra **OR** Math for AAS
- English Composition I
- English Composition II **OR** Technical Writing
- Medical Terminology
- Microbiology
- General Psychology
- Concepts in Respiratory Care
- Pulmonary Diseases
- Cardiopulmonary A & P
- Cardiopulmonary Diagnostics
- Respiratory Care Sciences
- Equipment and Procedures
- Pharmacology for Respiratory Care
- Assessment and Diagnosis
- Home and Rehabilitative Care
- Clinical Practicum I
- Dysrhythmias for Respiratory Therapists

Admission into the Respiratory Therapy Program.

Credit hours/Contact hours/Load hours

3 credit hours
576 contact hours
23.5 load hours

Target Audience and Transfer

Students admitted into the Respiratory Therapy Program.
May transfer to other respiratory therapy programs.

Student Learning Outcomes

- Evaluate prescribed therapy according to patient data.
- Recommend therapy according to patient data.
- Initiate corrrect therapeutic procedure.
- Modify therapeutic procedure based on patient response.
- Correctly assemble, ensure cleanliness, troubleshoot, and apply equipment for the therapies/procedures listed under Topics
- Correctly perform each of the therapies/procedures listed under Topics
- Explain the rationale, indications, and contraindications of each of the therapies/procedures listed under Topics
- Explain each of the therapies/procedures listed under Topics in a way that patients can understand the procedure and its purpose.
- Adhere to the American Association for Respiratory Care's ethical standards.
- Adhere to rules and regulations established by the:
    - Arkansas State Respiratory Care Act.
    - Arkansas State Medical Board.
    - the Arkansas State Respiratory Care Board
- Interact on a professional level with patients, families, and other members of the health care team.

Topics

- All previously completed therapy and procedures
- Clinical practice of critical respiratory care
- Adult mechanical ventilation and equipment
- Neonatal mechanical ventilation and equipment
    - Oxyhoods / Controlled environment enclosures
    - Nasal CPAP/BiPAP systems
    - Transcutaneous monitoring
- Pulmonary function testing (simple flow volume loop)
- Case study presentations.
- Peds/Neonatal
- Ventilator

Forms of Assessment

- Demonstrates the ability to correctly perform each learning objective on a patient or simulated patient.
- Evaluations by clinical preceptors and faculty.
- Submits all paperwork in a timely manner.
- Attendance