NorthWest Arkansas Community College Division of Allied Health

Course Number and Title

RESP 2423 Clinical Practicum II

<u>Catalog Description</u>

A continuum from RESP 2306. Emphasis will be on critical care and mechanical ventilation.

<u>Prerequisites</u>

- 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 384 contact hours 15.5 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 <u>Topics</u>
- Explain the rationale, indications, and contraindications of each of the therapies/procedures listed under Topics
- Explain each of the therapies/procedures listed under <u>Topics</u> 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:
 - o 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
 - o Adult mechanical ventilation and equipment
 - Neonatal mechanical ventilation and equipment
 - Adult/Neonatal weaning from mechanical ventilation
 - Nasal CPAP/BiPAP/SiPAP systems
 - Transcutaneous monitoring
- Case study presentations.
 - Adult/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