

**Northwest Arkansas Community College
Health Professions Division
Respiratory Therapy Program Course Outline**

Course Number and Title

RESP 2503 Professional Development

RESP Catalog Description

This course is designed to prepare the respiratory therapy student for future employment and to prepare the student for the National Board for Respiratory Care exams.

Prerequisites

- RESP 2102 Concepts in Respiratory Care
- RESP 2103 Cardiopulmonary Anatomy and Physiology
- RESP 2104 Respiratory Care Sciences
- RESP 2204 Cardiopulmonary Assessments and Diagnostics
- RESP 2123 Pulmonary Diseases
- RESP 2214 Equipment and Procedures
- RESP 2222 Pharmacology for Respiratory Care
- RESP 2501 Dysrhythmia for Respiratory Therapists
- RESP 2306 Clinical Practicum I
- RESP 2423 Clinical Practicum II
- RESP 2414 Mechanical Ventilation I
- RESP 2433 Pediatrics and Perinatology
- PSYC 2003 General Psychology

Credit Hours/Contact Hours/Load Hours

3 credit hours
48 contact hours
3 load hours

Target Audience and Transfer

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

Student Learning Outcomes

- Pass the NBRC Secure TMC Self-Assessment exam with at least a 64%
- Pass the NBRC Secure CSE Self-Assessment Exam with at least a 60%

Topics

- Patient assessment
- Infection control and blood sampling
- Oxygen therapy and hyperinflation
- Humidity and aerosol
- Bronchial hygiene and pharmacology
- Airway management
- Cardiac monitoring and CPR
- Suctioning
- IPPB
- Pulmonary function testing
- Adult mechanical ventilation
- Special procedures
- Neonatal mechanical ventilation

Format

Hybrid, Required personal computer with web camera, Microsoft Word and PowerPoint.

Forms of Assessment

- Examinations
- Homework
- Participation
- Discussions
- Must obtain a cumulative score of 75.5% to pass the course