

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

Course Number and Title

RESP 2123 Pulmonary Diseases

Catalog Description

An in-depth study of pulmonary disease; assessment, the alterations of the lungs, etiology, clinical manifestations, and general management or treatment of the disease.

Prerequisites

- RESP 2102 Concepts in Respiratory Care
- RESP 2103 Cardiopulmonary Anatomy and Physiology
- RESP 2104 Respiratory Care Sciences
- RESP 2204 Cardiopulmonary Assessments and Diagnostics

Credit Hours/Contact Hours/Load Hours

3 credit hours
48 contact hours
3 load hours

Target Audience and Transfer

Second semester students admitted into the Respiratory Therapy Program.
May transfer to other respiratory therapy programs.

Student Learning Outcomes

- Relate the anatomic alterations caused by pulmonary disease to lung function and clinical manifestations of the disease.
- Demonstrate a Respiratory Therapist understanding of the etiology of pulmonary disease.
- Recommend management and treatment options for pulmonary diseases by: analyzing pertinent clinical data associated with cardiopulmonary diseases.
- Evaluate the pathophysiological state when given a patient scenario.

Topics

- Respiratory Failure
- Obstructive Airways Diseases
- Infectious Pulmonary Diseases

- Pulmonary Vascular Diseases/Diffuse Alveolar Disease
- Environmental Lung Diseases/Diffuse Alveolar Disease

Format

Hybrid, Required personal computer with web camera, microphone, internet access, and Microsoft Office applications.

Forms of Assessment

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