

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

COURSE NUMBER: RESP 205

COURSE TITLE: RESPIRATORY DISEASES

SEMESTER CREDIT HOURS: 3

DEPARTMENT: Respiratory Therapy

DIVISION: Health Science

PREQUISITE: Fundamentals of RC I and Lab, Cardiopulmonary A&P, and RC Pharmacology

COURSE DESCRIPTION:

This course provides the students with an in- depth study of diseases that affect the cardiopulmonary system. Patient evaluation, assessment, diagnosis and treatment of diseases will be addressed.

COURSE OUTCOMES AND COMPETENCE:

Students who successfully complete this class will be able to:

1. Recognize common clinical signs of pulmonary disease.
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- Recommend diagnostic modalities to gather additional clinical data to determine presence of pulmonary disease.
- Analyze specific laboratory data to determine presence of respiratory disease.
- Collect and evaluate pertinent clinical information gathered through patient assessment.
- Identify common signs and symptoms of pulmonary pathology.

2. Identify pathophysiology of a specific disease state and explain affect on the cardiopulmonary system.

- Evaluate normal ventilation to perfusion relationships.
- Discuss causes and effect of abnormal ventilation to perfusion relationships.
- Interpret blood gas results and explain the relationship of disease states to blood gas changes.
- Analyze pulmonary function data to distinguish between obstructive and restrictive pulmonary disease.
- Discuss the pathological differences between an obstructive and a restrictive pulmonary disease.

3. Determine appropriate management of patient's pulmonary disease.

- Determine appropriate respiratory care treatment based on patient signs and symptoms.
- Identify respiratory problems and potential respiratory problems based on collected data.
- Identify common respiratory problems associated with a specific disease.
- Identify and justify standard of care for specific disease states.