Description: This module focuses on the concept of oxygenation. This module will be at level I and will focus on: Chronic bronchitis, emphysema, asthma and SIDS (sudden infant death syndrome).

Learning Outcomes:
Upon completion this module the student will be able to:
1. Outline the process of respiration and the mechanisms of ventilation.
2. Describe the factors affecting respiration.
3. Discuss the etiology, clinical manifestations, complications, collaborative care and patient-centered nursing care for clients.
4. Discuss the use and management of pulmonary pharmacological agents.
5. Discuss the nursing care that meets the immediate and long-term needs of the family who has lost a child from SIDS.
6. Utilize the nursing process as a framework for providing individualized nursing care for clients experiencing an alteration in oxygenation.

Learning Resources:

1. Read: Lemone & Burke Ch. 35, 36
2. Read: Perry & Potter Clinical Nursing Skills & techniques Ch. 22, 23, 24

www.lungusa.org (American Lung Association)
www.nih.gov (National Institutes of Health)

Learning Activities:

Faculty lead discussion
In class discuss the legal case: Manning v Twin Falls Clinic & Hosp., Inc (1992)
In small groups: Discuss pharmacological methods to assist adequate oxygenation and safety issues involved.
In small groups: complete the case study on the client with asthma.

In lab:
   a. Differentiate modes of oxygen delivery & describe the nursing care relevant to each mode.
b. view and discuss VC: Assessment of respiratory distress in children
   c. on a simulator manikin or classmate, satisfactory demonstrate a respiratory
      assessment.

In clinical:
   a. Employ measures to promote adequate oxygenation for assigned client.
   b. Perform a satisfactory respiratory assessment on a client.
   c. In post conference, facilitate a discussion on Evidence based Practice trends
      related to one of the exemplars for this module.

Evaluation:

Module exam, return demonstration in lab, clinical performance, submit case study on the
client with Emphysema via Blackboard.