

Common Course Outline
RESP 205
Respiratory Care Specialties
3 Credits

The Community College of Baltimore County

Description

Become familiar with the commonly encountered cardiopulmonary diagnostic procedures necessary in the assessment of oxygenation and ventilation. RESP 206 and RESP 204 taken concurrently.

Overall Course Objectives

Upon completion of the Course the student will be able to:

1. Comprehend the concepts necessary to perform neonatal care.
2. Comprehend and explain pulmonary rehab and home care.
3. Evaluate and interpret pleural fluid.
4. List the steps and equipment necessary thoracentesis, T_{PO}2, chest tubes, pleural fluid analysis, bronchoscopy, fluidics and hyperbaric medicine, polysomnography.
5. List indications, contraindications and hazards for all modalities listed in #4.
6. Understand and explain transport of R.T. equipment.

Major Topics

1. Neonatology
2. Pulmonary Rehabilitation
3. Home Care

4. Analysis of Pleural fluid
5. Thoracentesis
6. TPO2
7. Chest tubes
8. Bronchoscopy
9. Metabolic Cart
10. Polysomnography
11. Hyperbaric therapy
12. Fluidics
13. Transport of R.T. equipment

Course Requirements

Grading/exams: **Grading procedures will be determined by the individual faculty member but will include the following: unit exams, homework, laboratory check offs, quizzes, article review, and final.**

Writing: **Article review**