

Master Syllabus

RET 1301 - Respiratory Care Fundamentals III

Division: Health Sciences

Department: Respiratory Care

Credit Hour Total: 2.0

Lecture Hrs: 2.0

Prerequisite(s): RET 1201

Other Prerequisite(s): AND Restricted to Majors

Date Revised: June 2015

Course Description:

Diseases and disorders affecting the cardiopulmonary systems emphasizing diagnosis, selection and implementation of therapeutic modalities and the role of the respiratory care practitioner in treatment.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency

Course Outcomes:

Pulmonary function testing, protocols, and interpretation of results

Discuss the indications, contraindications, protocols and interpretation of results of pulmonary function studies.

Assessment Method: Locally developed exams

Performance Criteria:

Minimal passing score of 75%

Special procedures

Describe the techniques employed for cardiopulmonary stress testing, bronchoprovocation testing, and sleep studies and recommend appropriate therapeutic interventions.

Assessment Method: Locally developed exams

Performance Criteria:

Minimal passing score of 75%

Equipment maintenance and quality assurance

Describe the equipment utilized for cardiopulmonary testing, appropriate maintenance and troubleshooting techniques, and explain quality assurance protocols for such equipment.

Assessment Method: Locally developed exams

Performance Criteria:

Minimal passing score of 75%.

Outline:

Pulmonary function testing, protocols, and interpretation of results

Special procedures

Equipment maintenance and quality assurance