

## 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

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#### 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