

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: RTH 265

Credits: 2

Course Title: Current Issues in Respiratory Care

Course Description (including lecture hours, lab hours, total contacts)

Explores current issues affecting the profession of respiratory care. Lecture 2 hours per week.

General Course Purpose

To teach the newest and most current therapies, ventilator modalities and latest research in the field of Respiratory Therapy.

Course Prerequisites/Corequisites (*Entry-level competencies **required** for enrollment*)

Completion of the first three semesters of the AAS degree program in Respiratory Therapy

Course Objectives (Each item should complete the following sentence.)

Upon completing the course, the student will be able to:

- a. Identify and discuss current issues vital to the practice of respiratory care
- b. Discuss and evaluate the latest equipment and technology
- c. Discuss and evaluate therapeutic and diagnostic techniques
- d. Discuss and evaluate new therapies
- e. Review all of the topics, tasks, and competencies pertinent to the practice of respiratory care.

Major Topics to be Included

Inspired CO₂ Therapy
Nitric Oxide
Successful Habits of Respiratory Employees
Ventilator Checks vs. Patient Ventilator Assessments (know the difference)
High Frequency Jet Ventilation
Oscillatory Ventilation
Capnography and Pulse Oximetry
Disaster Preparedness
Non-Invasive Positive Pressure Ventilation
Sleep Medicine

Effective Date of Course Content Summary (Month, Date Year): September 24, 2008