

**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:

Explores current issues affecting the profession of respiratory care. Prerequisites: Successful completion of all curriculum courses offered during the first three semesters of the AAS degree in Respiratory Therapy. 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 Objectives:

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

1. Identify and discuss current issues vital to the practice of respiratory care.
2. Discuss and evaluate the latest equipment and technology.
3. Discuss and evaluate therapeutic and diagnostic techniques.
4. Discuss and evaluate new therapies.
5. Review all of the topics, tasks, and competencies pertinent to the practice of respiratory care.

Major Topics to Be Included:

1. Inspired CO₂ therapy
2. Nitric oxide
3. Successful habits of respiratory employees
4. Ventilator checks vs. patient ventilator assessments (know the difference)
5. High frequency jet ventilation
6. Oscillatory ventilation
7. Capnography and pulse oximetry
8. Disaster preparedness
9. Non-Invasive positive pressure ventilation
10. Sleep medicine

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