

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
RTH 132 - RESPIRATORY CARE THEORY AND PROCEDURES II (4 CR.)**

**Course Description**

Presents theory of equipment and procedures used for patients requiring general and critical cardiopulmonary care. Lecture 3 hours. Laboratory 3 hours. Total 6 hours per week.

**General Course Purpose**

This course is offered in the second semester of the respiratory care program. This is the second part of a two-part respiratory care theory and procedures class.

**Course Prerequisites/Corequisites**

Prerequisites: RTH 121, RTH 131 and RTH 145. Competence in basic instrumentation and its application to respiratory therapeutics is required

**Course Objectives**

Upon completion of this course, the student will be able to:

- State the indications and goals of mechanical ventilation
- Demonstrate a working knowledge of all aspects of a variety of equipment used for resuscitation
- Explain the design and operation of commonly used adult mechanical ventilators
- Discuss the strategies, hazards, and complications of mechanical ventilation on the critically ill adult

**Major Topics To Be Included**

- Manual resuscitators
- Adult mechanical ventilators
- Extubation