

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
RTH 245 – PHARMACOLOGY FOR RESPIRATORY CARE II (2 CR.)**

**Course Description**

Concentrates on pharmacologic agents used in the management of the critically ill patient. Lecture 2 hours per week.

**General Course Purpose**

This course is offered in the second semester of the respiratory therapy program. This is the second part of a two-part pharmacology class.

**Course Prerequisites/Corequisites**

Prerequisite: RTH 145.

**Course Objectives**

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

- A. Mucolytics and surface-active agents
- B. Mediator antagonists
- C. Antibiotics
- D. Neuromuscular blocking agents
- E. Central nervous system stimulants and depressants
- F. Cardiovascular agents
- G. Diuretic agents

**Major Topics to be Included**

- A. Review of respiratory drugs
- B. Mucolytics and surface-active agents
- C. Mediator antagonists
- D. Anti-infectives
- E. Neuromuscular blocking agents
- F. Central nervous system stimulants and depressants
- G. Cardiovascular agents
- H. Diuretics