

NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
RTH 217 – PULMONARY REHABILITATION, HOME CARE, AND HEALTH PROMOTION (2 CR.)

Course Description

Focuses on purpose and implementation of a comprehensive pulmonary rehabilitation program. Explores procedures and approaches used in pulmonary home care. Identifies and discusses major health and wellness programs applied to cardiopulmonary patients. Lecture 2 hours per week.

General Course Purpose

The purpose of this course is designed as an overview of home care therapeutics and instrumentation, pulmonary rehabilitation and the role of respiratory therapy in health promotion.

Course Prerequisites/Corequisites

Prerequisites: all RTH coursework in the first two semesters and entry into RTH 296. The course is offered in the third semester of the program and is designed for the student with initial clinical experience and knowledge.

Course Objectives

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

- A. Initiate and conduct pulmonary rehabilitation
- B. Implement and monitor graded exercise program
- C. Monitor and maintain home respiratory care equipment and apnea monitors
- D. Modify respiratory care procedures for use in the home
- E. Assure safety and infection control
- F. Explain planned therapy and goals to patient in understandable terms to achieve optimal therapeutic outcome, counsel patient and family concerning smoking cessation, and disease management
- G. Conduct patient education and disease management programs

MAJOR TOPICS TO BE INCLUDED

- A. Pulmonary rehabilitation
- B. Home care procedures and equipment
- C. Infection control in the home and clinic setting
- D. Health education and wellness promotion