

Course Objectives/Course Outline
Spokane Community College

Course Title: Fundamentals of Respiratory Care I

Prefix and Course Number: RT 241

Course Learning Outcomes:

By the end of this course, a student should be able to:

Apply the following in a patient care situation (first in a series of three courses):

- I. Introduction
 - A. Respiratory care profession
 - B. Professionalism and continuing education
 - C. Legal and ethical issues in respiratory care practice
 - D. Professional organizations
 - E. Record keeping and electronic medical record systems
 - F. Evidence based medicine
 - G. Patient Safety
 - H. Principles of Infection Control
 - I. Blood borne pathogens/HIV
 - J. Patient focused medical record review
 - K. Patient assessment
 - L. American Heart Association HCP Card

Course Outline:

- I. Respiratory care profession
 - A. Definition
 - B. Discuss Evaluate the AARC position statements that apply to the practice of respiratory care
 - C. Describe the areas that employ respiratory care practitioners
- II. Professionalism and continuing education
 - A. Define professionalism and discuss the AARC position statement on competency requirements
 - B. Analyze the AARC position statement on ethics and professional conduct and its application in a patient care situation.
 - C. Describe the continuing education requirements to maintain a credential as a registered respiratory therapist (RRT) and for Washington State licensure
- III. Professional organizations
 - A. Describe the roles and responsibilities of the following organizations
 - 1. American Association for Respiratory Care
 - 2. National Board for Respiratory Care
 - 3. Commission on Accreditation for Respiratory Care
 - 4. Washington State Department of Health
- IV. Evidence based medicine
 - D. Define evidence based medicine

- E. Describe the different categories of evidence
- F. Evaluate a journal article on the merits of its evidence
- G. Illustrate how evidence medicine should be applied in clinical practice
- V. Patient safety
 - A. Discuss the JCAHO patient safety goals
 - B. Demonstrate how to identify a patient using the two identifier system
 - C. Describe the principles of electrical safety and electrical shock
 - D. Describe how to minimize hazards in the patient care environment
- VI. Principles of infection control
 - A. Demonstrate the techniques of hand hygiene
 - B. Describe category specific isolation procedures as defined by the CDC
 - C. Demonstrate the application of common methods of disinfection
- VII. HIV/Blood borne pathogens
 - A. Demonstrate specific practices to prevent transmission of HIV/Blood borne pathogens in respiratory care
 - B. Discuss bronchoscopy and aerosol therapy techniques use in treatment of HIV positive patients
- VIII. Patient focused chart review
 - A. Given a patient scenario, gather the important information to establish a treatment plan
- IX. Patient assessment
 - A. Demonstrate patient assessment of the chest including:
 - 1. Inspection
 - 2. Palpation
 - 3. Auscultation
 - 4. Percussion
- X. Complete the requirements of the American Heart Association for the Healthcare Provider and earn an AHA HCP card