

Course Objectives/Course Outline
Spokane Community College

Course Title: Fundamentals of Respiratory Care II Technical Skills Lab

Prefix and Course Number: RT 262

Course Learning Outcomes:

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

- Demonstrate how to manage an airway, apply hyperinflation and secretion mobilization protocols
- Perform airway maintenance (positioning, simple airways, NT suctioning)
- Perform emergency airway management
- Perform artificial airway management
- Perform hyperinflation therapy techniques
- Perform Intermittent Positive Pressure
- Perform Bi-Level Positive Airway Pressure and evaluate when its use is appropriate
- Apply Intrapulmonary percussive ventilation (IPV)
- Perform secretion mobilization techniques (PAP, PEP, Flutter, Acapella, Aerobika, HFCWO, CPT, PD)
- Perform drawing arterial blood gases
- Introduction to clinical simulation (NIPPV simulation – patient assessment)

Course Outline:

- I. Demonstrate hyperinflation techniques
 - A. Incentive spirometry
 - B. PEP Therapy
 - C. Vibratory PEP therapy
 - D. HFCWO techniques
 - E. Chest physiotherapy and postural drainage
- II. Airway management
 - A. Demonstrate positional maneuvers
 - B. Demonstrate the use of simple airways
- III. Emergency airway management
 - A. Demonstrate bag/mask ventilation
 - B. Demonstrate intubation
- IV. Demonstrate how to manage an artificial airway
 - A. Humidification
 - B. Secretion removal
 - C. VAP protocols
- V. Demonstrate the use of the Bird Mark 7
- VI. Demonstrate the use of the Percussionaire IPV-1
 - A. Demonstrate the use of the Respirationics Vision and Respirationics V-60