

**RT 160 - Respiratory Care Seminar II****Catalog Description****Transfer Status:** NT**Prerequisite:** RT 155**Corequisite:** RT 165**Unit(s):** 4.00**Lecture:** 68.00 Contact hours/136.00 Out of class hours/204.00 Total hours/4.00 Unit(s)**Total:** 68.00 Contact hours/136.00 Out of class hours/204.00 Total hours/4.00 Unit(s)

Course Description: This course is designed to explore the historical, contemporary and technical issues germane to respiratory care as an allied health profession through lecture/discussion/literary review. Emphasis will be placed on issues relevant to the current practice of respiratory care and credentialing requirements. Preparation for post-graduate credentialing examinations will be included in the course work. Graded only.

Objectives

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

1. Score a minimum of 70% on a National Board of Respiratory Care (NBRC) Therapist Multiple Choice exam (TMC) prior to graduation.
2. Apply the knowledge gained in advanced respiratory care topics to clinical scenarios.
3. Demonstrate knowledge of the contemporary issues of respiratory care.
4. Successfully complete a professional resume and interview process.

Course Content

Topic Titles / Suggested Time Topic	
<u>Lecture</u>	
<u>Topics</u>	<u>Lec Hrs</u>
Understanding the National Board of Respiratory Care (NBRC) testing process	6.00
Therapist Multiple Choice (TMC) examination	12.00
Clinical Simulation Exam (CSE)	4.00
Preparing for employment (resumes and interviews)	8.00
Advanced Cardiac Life Support (ACLS) preparation	4.00
High frequency ventilation	4.00
Home care equipment and procedures	4.00
Hemodynamic equipment and interpretation	4.00
Nicotine addiction and intervention	4.00
Equipment sterilization and surveillance methods	4.00
End-of-Life care	2.00
Disaster management	4.00
Sub-acute SNF/Rehabilitation respiratory care	4.00
Chronic Obstructive Pulmonary Disease (COPD) patient education	4.00
Total Hours:	68.00

Methods of Instruction

- A. Discussion
- B. Guest Speakers
- C. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- D. Lecture
- E. Reading Assignments

Methods of Evaluation

- A. Homework
- B. Class participation
- C. Final Examination
- D. Written Examinations
- E. Class Discussion

Examples of Assignments

Reading Assignments

1. Complete the assigned readings for Hemodynamic Monitoring Set Up and Interpretation, and be prepared to participate in a classroom discussion on this topic.
2. Complete the assigned readings for Smoking Cessation/Nicotine Replacement, and be prepared to participate in a classroom discussion on this topic.

Writing Assignments

1. Use the guidelines provided in lecture to prepare a professional resume designed to obtain a job in respiratory care.
2. Using the feedback provided by the instructor, revise your professional resume and resubmit it to your instructor.

Out-of-Class Assignments

1. Answer the end of the chapter review questions from the Respiratory Exam Review textbook for Hyperinflation Therapy.
2. Read the "Spirit Catches You and You Fall Down" and answer questions associated with reading.

Recommended Materials of Instruction

Persing, Gary. (2016). Respiratory Care Exam Review. *Saunders, 4th*.

Fadima, Anne. (1997). Spirit Catches You and You Fall Down. *Farrar, Straus, and Giroux*.

Minimum Qualifications

Respiratory Technician

Respiratory Technologies

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Date: 04/30/2018