

# BUTTE COLLEGE

## COURSE OUTLINE

### I. CATALOG DESCRIPTION

#### **RT 160 - Respiratory Care Seminar II**

**4 Unit(s)**

**Prerequisite(s):** RT 155

**Co-requisite(s):** RT 165

**Recommended Prep:** NONE

**Transfer Status:** NT

68 hours Lecture

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 current credentialing requirements. Preparation for post-graduate credentialing examinations will be included in course work. Graded only.

### II. OBJECTIVES

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

- A. Score a minimum of 70% on a National Board of Respiratory Care (NBRC) Entry-Level Exam (ELE) prior to graduation.
- B. Demonstrate the skills necessary to successfully complete an Advanced Cardiac Life Support training.
- C. Apply the knowledge gained on advanced respiratory care topics to clinical scenarios.
- D. Demonstrate knowledge of the contemporary issues of respiratory care.

### III. COURSE CONTENT

#### **A. Unit Titles/Suggested Time Schedule**

Lecture	
<u>Topics</u>	<u>Hours</u>
1. Understanding the National Board of Respiratory Care (NBRC) testing process	4.00
2. Entry-Level-Exam (ELE) examination	6.00
3. Written Registry Examination (WRE)	2.00
4. Clinical Simulation Exam (CSE)	4.00
5. Preparing for employment	2.00
6. ACLS preparation	8.00
7. High frequency ventilation	8.00
8. Home care equipment and procedures	4.00
9. Hemodynamic equipment and interpretation	8.00
10. Nicotine addiction and intervention	3.00
11. Equipment sterilization and surveillance methods	4.00
12. Quality control/Quality improvement	4.00
13. End-of-Life care	4.00
14. Disaster management	4.00
15. Sub-acute SNF/Rehabilitation respiratory care	3.00
Total Hours	68.00

#### **IV. METHODS OF INSTRUCTION**

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

#### **V. METHODS OF EVALUATION**

- A. Projects
- B. Homework
- C. Class participation
- D. Final Examination
- E. Written Assignments
- F. Written Examinations
- G. Class Discussion

#### **VI. EXAMPLES OF ASSIGNMENTS**

- A. Reading Assignments
  - 1. Complete the assigned readings for Smoking Cessation/Nicotine Replacement, and be prepared to participate in a classroom discussion on this topic.
  - 2. Complete the assigned readings for Hemodynamic Monitoring Set Up and Interpretation, and be prepared to participate in a classroom discussion on this topic.
- B. Writing Assignments
  - 1. Prepare a professional resume, focusing on obtaining a job in respiratory care, using the guidelines provided in lecture.
  - 2. Using the feedback provided by the instructor, revise your professional resume and resubmit it to your instructor.
- C. Out-of-Class Assignments
  - 1. Answer the end of the chapter review questions from the Respiratory Exam Review textbook for Chapter 5.
  - 2. Answer the end of the chapter review questions from the Respiratory Exam Review textbook for Chapters 1 and 2.

#### **VII. RECOMMENDED MATERIALS OF INSTRUCTION**

##### Textbooks:

- A. Persing, Gary. Respiratory Care Exam Review. 3rd Edition. Saunders, 2010.

##### Materials Other Than Textbooks:

- A. Computerized ELE, WRE, and CSE examinations

**Created/Revised by:** Donna Davis

**Date:** 04/02/2012