

**Skyline College**  
**Official Course Syllabus**  
**2009 Fall Semester**

**Respiratory Therapy 410**  
**Introduction to Patient Care and Respiratory Assessment**  
**Division: Science, Math, Technology**  
**Thurs Lecture 10:10am – 11:50pm, Lab 12:10pm – 2:50pm**  
**Room 7215**  
**CRN# 80741**

**Instructor:** Raymond Hernandez  
650-738-4457  
[hernandezr@smccd.edu](mailto:hernandezr@smccd.edu)  
**Office:** 7311 **Office hours:** Mon/Wed. 11am-2pm  
**Website:** <http://www.smccd.net/accounts/hernandezr/index.htm>

**Course Prerequisites:** Admission to the Respiratory Therapy Program  
**Course Classification:** Credit course applicable for the Associates Degree in Respiratory Therapy. **Transfer:** CSU

**Required Text:**

Egan's Fundamentals of Respiratory Care  
Scanlon, Spearman and Sheldon; 9<sup>th</sup> edition, Mosby Publishing

Laboratory Exercises for Competency in Respiratory Care  
Butler et al, FA Davis

Practical Math for Respiratory Care: A Text and Workbook  
Sibberson

**Optional Text:**

Study Guide to Accompany Egan's Respiratory Care  
Stephen Wehrman

**Course Description:** The study and practice of basic patient care arts and assessment, with emphasis on the cardiopulmonary system. Also included is a review of basic science relevant to respiratory therapy.

**Course Objectives:** This course is an introduction to patient care procedures. All members of the health care team must be capable of performing basic patient care procedures. The respiratory assessment will bridge with the normal respiratory A&P course and the hospital rotations with the Medical Terminology class.

**Methods of instruction or required student preparation:** Lectures, discussion, small group and individual assignments, lab assignments to include body contact during assessment, web-based instruction and assignments constitute the main activities of the class. You should come to class having read assigned materials / completed assigned homework / prepared to participate. If you do not understand the assignment, please contact me via email or see me during office hours.

**Course Attendance Policy:** Attendance and participation are key to success in the course and program. Chronic tardiness and absence is unacceptable. Please let the instructor know via email or phone message if you are unable to attend class or anticipate that you will be late prior to the scheduled class meeting.

**Make-up and Extra-credit Policy:** All assigned homework is due at the beginning of the next class period for full credit. If an extenuating circumstance requires you to be absent (e.g., you have the flu, your employer requires you to miss class, there is a death in your family), you may submit your assignment via e-mail or you may leave it in my mailbox in the SMT division office (building 7A, 1<sup>st</sup> floor) before the due date and time. It is your responsibility to ensure that your assignment reaches me; I will acknowledge via return email all email submission. All late assignments will receive half of graded credit. Extra credit opportunities will be available throughout the semester to all students as announced.

**Class conduct policy:** Cell phones must be turned off and put away during class. No talking during lectures unless instructed to do so. Please respect your student colleagues' participation during class. When another student is presenting, listen actively and encourage him/her. You are also responsible for adhering to the Code of Student Conduct outlined in the College Catalog as well as the Respiratory Therapy Program Handbook.

**Academic Integrity:** the work you submit/present must be your own. The Skyline College Catalog has a complete statement defining cheating and plagiarism. If you are caught cheating or plagiarizing another person's work, you may be disciplined in one or more of the following ways:

- You may receive a failing grade on the test, paper or assignment,
- Under the standards of academic sanctions, you may be subject to a warning, temporary exclusion from an activity or class, censure, disciplinary probation, suspension or expulsion.

**Community service hours:**

8 hours of community service related to Respiratory Care must be performed during the semester. Students are to identify opportunities which incorporate aspects of professionalism. Community service must be pre-approved by instructor utilizing documentation form. A separate form must be utilized for each activity. A one page type written summary is to be submitted to complete the requirement. An incomplete will be awarded if the student does not complete these hours successfully.

**Course Evaluation:** This course will assign a letter grade. Your grade will be determined by (approximation):

Participation, lab assignments, and Homework:	30%
Quizzes and Tests:	40%
Final Exam:	30%

**The grading scale is as follows:**

A	90-100%
B	80-89%
C	75-79%
D	60-74%
F	<60%

**Disability:** In coordination with the DSPS office, reasonable accommodation will be provided for eligible students with disabilities. If you do not have an accommodation letter, please contact the DSPS Office at (650) 738-4280

**RPTH 410**  
**Fall Semester 2009**  
**Syllabus**  
**Class time: Thursday 10:10 – 2:50pm**  
**Room 7215**

- Aug. 20      Introduction to the Class  
Introduction to the program
- Aug. 27      Module 1: Objectives 1 – 6  
Egan pp 93-101, 105-107  
Practical Math for Respiratory Care – Gas Laws  
Student handbook review
- Sept. 3      Objectives 7 – 10  
Egan: p.108-112  
Practical Math for Respiratory Care – Gas Laws
- Sept. 10     Objectives 11 & 12  
Egan: pp 101-104  
Practical Math for Respiratory Care – Humidity / Gas Laws
- Sept. 17     Objectives 11 - 14  
Word Problems  
Egan: Chapter 11 pp. 261-277
- Sept. 24     **Test 1**  
Vital signs  
Laboratory Exercises for Respiratory Care – Patient Assessment  
Egan - pp 326-330, 386-391
- Oct . 1      Infection Control  
Laboratory Exercises for Respiratory Care – Infection Control  
Egan 53-58, 67-74  
Center for Disease Control Guidelines
- Oct. 8      Patient movement and use of hospital equipment  
Egan: pp 35-42  
Handout
- Oct. 15      Infection Control  
Laboratory Exercises for Respiratory Care – Infection Control  
Selected Readings

- Oct. 22      Communication / Patient History  
Egan 42-47 & 319-326
- Oct. 29      **Test 2**  
Chest Assessment  
Egan: pp 330-342  
Handout – Chest Physical Assessment  
Video: Physical Assessment of the Chest  
Chest Anatomy t-shirt assignment due
- Nov. 5        Chest Assessment (cont.)  
Laboratory Exercises for Respiratory Care – Patient Assessment  
Breath Sounds CD  
Bring stethoscope to class
- Nov. 13      No School
- Nov. 19      Great American Smoke-out - Chest Assessment (cont.)
- Nov. 27      Thanksgiving
- Dec. 3        Hospital rotation
- Dec. 10      Review

**Final examination:** \_\_\_\_\_