

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

Respiratory Therapy 450

Respiratory Diseases II

Division: Science, Math, Technology

Tues: 12:10pm – 2:50pm Fri: 9:10am – 11:50am

Pacific Heights, Room PH 206A

CRN# 80744

Instructor: Raymond Hernandez

650-738-4457

hernandezr@smccd.net

Office: 7311 **Office hours:** Mon/Wed. 11am-2pm

Website: <http://www.smccd.net/accounts/hernandezr/index.htm>

Course Prerequisites: Completion of the first year of the Respiratory Therapy Program

Course Classification: Credit course applicable for the Associates Degree in Respiratory Therapy. Transfer: CSU

Required Text:

Clinical Manifestations and Assessment of Respiratory Care

Des Jardins and Burton; 5th edition, Mosby Publishing

Rau's Respiratory Care Pharmacology

Gardenhire, Douglas; 7th edition, Mosby Publishing

Course Description: Continuation of the study of cardiopulmonary diseases utilizing the model developed in RPTH 445. Defining an approach to the diagnosis of respiratory diseases based on related case studies. This will require that the student learn how to carefully integrate information from radiologic, clinical, laboratory, and pathologic sources and will include the treatment and pharmacotherapy of selected disorders.

Course Objectives: The student should be able to understand and explain the etiology, pathophysiology, clinical presentation, and treatment of the disorders studied in each module.

Methods of instruction or required student preparation: Lectures, journal articles, discussion, small group and individual assignments, 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 unless otherwise stated. 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, 1st 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. Late assignments will receive half of graded credit provided they are turned in by the beginning of the following class. Assignments received after this will receive no credit.

Extra credit opportunities may 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.

Course Evaluation: This course may be taken for a letter grade. Your grade will be determined by (approximation):

Participation and Homework:	30%
Midterm:	35%
Final:	35%

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.

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

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Fri Aug 21	Introduction – Review Syllabus Review Chronic Diseases	
Tues Aug 25	Pneumonia Antimicrobial agents Rau , Respiratory Care Pharmacology pp.273-302	Ch. 15 pp. 224-241
Fri Aug 28	Tuberculosis	Ch. 17 pp. 250-259
Tues Sept 1	Fungal Disease	Ch. 18 260-272
Fri Sept 4	Lung Abscess Rau , Respiratory Care Pharmacology pp. 278-306	Ch. 16 pp. 242-249
Tues Sept 8	Pulmonary Edema - Heart Failure	Ch. 19 pp. 274-283
Fri Sept 11	Pulmonary Edema - Heart Failure (cont.)	Selected Readings
Tues Sept 15	Pulmonary Embolism and Infarction	Ch. 20 pp. 284-296
Fri Sept 18	Pleural Diseases	Ch. 23 pp. 318-327
Tues Sept 22	Test Flail Chest Pneumothorax	Ch. 21, 22 pp. 297-316
Fri Sept 25	Neuromuscular Disorders: Gullain-Barre Syndrome, Myasthenia Gravis	Ch. 29, 30 pp. 397-413
Tues Sept 29	Sleep Apnea	Ch. 31 pp. 414-426
Fri Oct 2	Near Drowning	Ch. 42 pp. 512-519
Tues Oct 6	Smoke Inhalation and Thermal Injuries	Ch. 43 pp. 520-531
Fri Oct 9	Adult Respiratory Distress Syndrome (ARDS)	Ch. 27 pp. 370-378
Tues Oct 13	Adult Respiratory Distress Syndrome (ARDS) Respiratory Failure	Ch. 45 pp. 539-548
Fri Oct 16	Case Studies	Selected Readings
Tues Oct 20	Test	

Readings must be completed prior to meeting date. Homework assignment will be assigned following each meeting and are due at the **beginning** of the next class meeting.