

**Skyline College**  
**Official Course Syllabus**  
**2012 Spring Semester**

**Respiratory Therapy 485**  
**Division: Science, Math, Technology**

**Friday 9:10am – 11:00am**  
**Clinical Medical Seminar**

**Room: 7215 or SMGH**

**CRN# 36845**

**Instructor:** Raymond Hernandez, Dr. Gordon Mak

650-738-4457

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**Office:** 7-130A **Office hours:** per appointment

**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:**

Selected readings and case studies

**Course Description:**

This course will help students further develop critical thinking skills in the integration of pathology, pathophysiology, diagnostic techniques and therapeutic modalities through the utilization of patient case studies. Various clinical case studies will be presented which will allow the student to discuss, assess physical findings and data, identify disease processes and formulate treatment plans.

**Student Learning Outcomes:**

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

1. Approach patient cases in a systematic manner to synthesize and analyze assessment and diagnostic data to formulate and modify cardiorespiratory treatment plans.
2. Effectively dialogue with physicians to formulate and modify cardiorespiratory treatment plans.

**Course Objectives:**

This course will expose the student to real life patient cases to learn to form their own conclusions and make convincing arguments towards treatment plans and any therapeutic changes or approaches they may want to implement. Upon completion of this course, the student will be able to:

1. Approach patient cases in a systemic manner
2. Organize, identify, and appropriately analyze assessment and diagnostic data pertinent to decision formulation
3. Identify and recommend proper treatment modalities based on data assessment
4. Discuss information with the health care team in an organized and rationale manner to modify and improve quality of treatment plans

**Methods of instruction or required student preparation:** Lecture, roundtable discussion, individual assignments, assigned case studies. You should come to class having read assigned materials, completed assigned homework, and be prepared to participate in discussions and assignments. 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 class for full credit. 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.

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 7, 2<sup>nd</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 submissions.

**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 be given an F on the assignment,
- You may be given an F in the course, or
- You may be referred to the College Disciplinarian for further sanctions which range from a warning to expulsion from Skyline College.

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

Homework Assignment	10%
Final Presentation:	90%

**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 485**  
Clinical Medical Seminar  
Raymond Hernandez / Dr. Gordon Mak  
Friday (times vary), 7215 or SMGH

- Jan. 20      Ray Hernandez – Neonatal Case Study
- Jan. 27      Ray Hernandez – Neonatal Case Study
- Feb. 3      Dr. Gordon Mak – San Mateo General Hospital: 9:00am – 11:00am**  
Education Classroom #1-2 on the Second floor when meeting with Dr. Mak
- Feb. 10      Ray Hernandez - TBA
- Feb. 17      Holiday
- Feb. 24      Dr. Gordon Mak – San Mateo General Hospital: 9:00am – 11:00am**
- Mar. 2      Dr. Gordon Mak – San Mateo General Hospital: 9:00am – 11:00am**
- Mar. 9      Professional Development – No School
- Mar. 16      Dr. Gordon Mak – San Mateo General Hospital: 9:00am – 11:00am**
- Mar. 23      Dr. Gordon Mak – San Mateo General Hospital: 9:00am – 11:00am**
- Mar. 30      Dr. Gordon Mak – San Mateo General Hospital: 9:00am – 11:00am**
- Apr. 6      Spring Break
- Apr. 13      Ray Hernandez – Skyline College - Resumes  
Case study requirements distributed.
- Apr. 20      San Francisco General Hospital Conference    8am – 4pm
- Apr. 27      Ray Hernandez – Skyline College:    Work on final presentations
- May 4      Ray Hernandez – Skyline College (Mock Interview Workshop)
- May 11      Ray Hernandez – Skyline College:    **Final Presentations**
- May 18      Ray Hernandez – Skyline College:    **Final Presentations**

Each week a case will be presented for discussion. In roundtable discussion, students will be asked to use critical thinking skills to gather data, differential diagnose, identify disease pathophysiology, and formulate and/or modify treatment plans competently.

Students will be assigned to work in groups of (3) to research, write, and present a case study following the same format used in this class.