

RSPT 55A: MEDIATED STUDIES IN RESPIRATORY THERAPY I

Foothill College Course Outline of Record

Heading	Value
Units:	0.5
Hours:	2 laboratory per week (24 total per quarter)
Corequisite:	RSPT 50A.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- To relate and strengthen concepts through media, topics include: Oxygen therapy and vital signs
- Support concurrent lecture and laboratory sessions through an alternative learning resource. Students will be able to explain key aspects of Pulmonary Anatomy and Physiology and Infection.

Description

First of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Focus on oxygen equipment, anatomy and physiology, vital assessments and decision making. Develop and strengthen concepts taught in the concurrent lecture and laboratory sessions of the program. Intended for students in the Respiratory Therapy Program; enrollment is limited to students accepted in the program.

Course Objectives

The student will be able to:

- A. Demonstrate and describe the following skills:
1. Vital signs assessments
 2. Oxygen delivery and devices
 3. Oximetry
 4. Pre-therapy preparation
 5. Preventing tuberculosis
 6. Pulmonary anatomy and physiology
 7. Introduction to clinical decision making

Course Content

- A. Vital signs courseware
1. Breath sounds
 2. Heart rate
 3. Respiratory rate and pattern
 4. Blood pressure
 5. Body temperature
- B. Oxygen therapy
1. Oxygen delivery and devices courseware
 2. O₂ therapy, a case study
 3. CPG oxygen therapy

4. Humidity and aerosol therapy
- C. Oximetry courseware
- D. Pre-therapy preparation courseware
- E. Preventing tuberculosis courseware
1. Infection control
 2. Protective personal equipment
- F. Pulmonary anatomy and physiology courseware
- G. Introduction to clinical decision making

Lab Content

- A. Vital signs assessment
- B. Oxygen delivery and devices
- C. Oximetry
- D. Pre-therapy preparation
- E. Preventing tuberculosis
- F. Pulmonary anatomy and physiology
- G. Introduction to clinical decision making

Special Facilities and/or Equipment

- A. Mac or PC computer

Method(s) of Evaluation

- A. Computer administered and scored examinations.
- B. Quizzes.

Method(s) of Instruction

- A. Self-paced
- B. Independent study
- C. Media lab
- D. Media materials will provide an alternative learning resource for non-traditional students

Representative Text(s) and Other Materials

Kacmarek, Stoller, and Heuer. [Mosby's Respiratory Care Online for Egan's Fundamentals of Respiratory Care](#). 2nd ed. St. Louis: C.V. Mosby Co., 2013. ISBN 9780323084932

Although this text is older than the suggested "5 years or newer" standard, it remains a seminal text in this area of study.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

- A. Interactive computer modules.

Discipline(s)

Respiratory Technologies