

# RSPT 55C: MEDIATED STUDIES IN RESPIRATORY THERAPY III

## Foothill College Course Outline of Record

| Heading                 | Value  |
|-------------------------|--|
| Units:                  | 0.5  |
| Hours:                  | 2 laboratory per week (24 total per quarter) |
| Prerequisite:           | RSPT 55B.                                    |
| Degree & Credit Status: | Degree-Applicable Credit Course              |
| Foothill GE:            | Non-GE                                       |
| Transferable:           | CSU  |
| Grade Type:             | Letter Grade Only                            |
| Repeatability:          | Not Repeatable                               |

## Student Learning Outcomes

- Identifies Breath sounds correctly.
- Analyzes arterial blood gases.

## Description

Third of seven courses paralleling content taught in courses in the Respiratory Therapy Program. Focus on assessments and data evaluation. 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:

- Demonstrate and describe the following skills:
  - Age appropriate considerations
  - Assessment of the cardiopulmonary patient
  - Fluid, electrolyte and acid base balance
  - The complete chest exam
  - Acute laryngotracheobronchitis
  - Muscular dystrophy
  - Auscultation of breath sounds
  - Arterial blood gas interpretation

## Course Content

- Age appropriate considerations interactive courseware
- Assessment of the cardiopulmonary patient interactive courseware
- Fluid, electrolyte and acid base balance module
- The complete chest exam module
- Acute laryngotracheobronchitis pediatric clinical simulation
- Muscular dystrophy pediatric clinical simulation
- Auscultation of breath sounds computer module
- Arterial blood gas interpretation computer module

## Lab Content

- Age appropriate considerations
- Assessment of the cardiopulmonary patient
- Fluid, electrolyte and acid base balance

- The complete chest exam
- Acute laryngotracheobronchitis
- Muscular dystrophy
- Auscultation of breath sounds
- Arterial blood gas interpretation

## Special Facilities and/or Equipment

- Computers, network printer, projectors, and videotape player.

## Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

- Computer administered and scored examinations.
- Quizzes.

## Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

- Interactive computer modules.
- 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

- Interactive computer modules.

## Discipline(s)

Respiratory Technologies