

# RSPT 70D: CLINICAL ROTATION IV

## Foothill College Course Outline of Record

Heading	Value
<b>Units:</b>	8
<b>Hours:</b>	24 laboratory per week (288 total per quarter) This is a clinical laboratory course.
<b>Prerequisite:</b>	RSPT 70C.
<b>Degree &amp; Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	CSU
<b>Grade Type:</b>	Letter Grade Only
<b>Repeatability:</b>	Not Repeatable

## Student Learning Outcomes

- Evaluate and apply advanced diagnostic data to respiratory therapy techniques and the patient's illness.
- Identify indications, contraindications, hazards, and method of evaluating effectiveness of all therapies administered.

## Description

Continuation of RSPT 70C. Further clinical experience with ventilation and special procedures of surgical, medical, neonatal, and pediatric intensive care, offered as options for remediation. Assignment dependent on demonstrated student needs. Mini-rotations offered to qualified students, depending on interest. 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 clinical proficiency with ventilation and special procedures for adult patients.
- Demonstrate clinical proficiency with ventilation and special procedures for pediatric patients.
- Demonstrate understanding of clinical findings in clinical case studies.

## Course Content

- Adult Surgical/Medical (Respiratory) Intensive Care
  - Selecting appropriate ventilator.
  - Establishing initial settings.
  - Changing settings with changing patient response.
  - Monitoring patient/ventilator system.
  - Changing ventilator tubing.
  - Troubleshooting patient problems.
  - Troubleshooting ventilator tubing.
  - Application of PEEP (CPPV).
  - Application of CPAP (CPPB).
  - Application of IMV (or SIMV).
  - Application of pressure support.
  - Application of pressure control.
  - Weaning patient.

- Neonatal/Pediatric Intensive Care
  - Selecting appropriate ventilator.
  - Establishing initial settings.
  - Changing settings with changing patient response.
  - Monitoring patient.
  - Monitoring ventilator.
  - Changing ventilator tubing.
  - Troubleshooting patient problems.
  - Troubleshooting ventilator tubing.
  - Application of PEEP (CPPV).
  - Application of CPAP (CPPB).
  - Application of IMV (or SIMV).
  - Application of pressure support.
  - Application of pressure control.
  - Weaning patient in various combinations.
- Clinical Case Studies.

## Lab Content

- Adult Surgical/Medical (Respiratory) Intensive Care
  - Selecting appropriate ventilator.
  - Establishing initial settings.
  - Changing settings with changing patient response.
  - Monitoring patient/ventilator system.
  - Changing ventilator tubing.
  - Troubleshooting patient problems.
  - Troubleshooting ventilator tubing.
  - Application of PEEP (CPPV).
  - Application of CPAP (CPPB).
  - Application of IMV (or SIMV).
  - Application of pressure support.
  - Application of pressure control.
  - Weaning patient.
- Neonatal/Pediatric Intensive Care
  - Selecting appropriate ventilator.
  - Establishing initial settings.
  - Changing settings with changing patient response.
  - Monitoring patient.
  - Monitoring ventilator.
  - Changing ventilator tubing.
  - Troubleshooting patient problems.
  - Troubleshooting ventilator tubing.
  - Application of PEEP (CPPV).
  - Application of CPAP (CPPB).
  - Application of IMV (or SIMV).
  - Application of pressure support.
  - Application of pressure control.
  - Weaning patient in various combinations.

## Special Facilities and/or Equipment

- Name tag, watch with second hand, stethoscope.

## Method(s) of Evaluation

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

The student will demonstrate proficiency by successfully completing competency checklists and by daily evaluations conducted by clinical preceptors.

## **Method(s) of Instruction**

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

- A. Clinical observation and performance
- B. Demonstration of clinical skills

## **Representative Text(s) and Other Materials**

No text required.

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

- A. Students are expected to complete college-developed ICU worksheets to demonstrate their understanding of each of their patients' conditions and treatments. These worksheets include writing of narratives on the assessment and therapy plan for each patient.

## **Discipline(s)**

Respiratory Technologies