RSPT 70C: CLINICAL ROTATION III

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2025
Units:	8
Hours:	288 laboratory per quarter (288 total per quarter) This is a clinical laboratory course.
Prerequisite:	RSPT 70B.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- Perform respiratory therapy techniques relating to the management of neonate, pediatric, and adult intensive care unit patients.
- Evaluate and apply advanced diagnostic data to respiratory therapy techniques and the patient's illness.

Description

This course is the third in the series of hospital rotations, emphasizing the practical application of respiratory care theory in monitoring neonatal, pediatric, and adult intensive care unit patients. Students will further develop the skills gained in RSPT 70A and 70B. 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:

1. Demonstrate the correct technique for performing patient assessments.
2. Monitor and interpret hemodynamic data accurately.
3. Monitor parameters on mechanical ventilators accurately.
4. Demonstrate effective management of a minimum of three patients on mechanical ventilators.
5. Demonstrate effective ventilator weaning techniques and airway care.
6. Demonstrate effective management of patients on CPAP devices.
7. Perform effective cardiopulmonary resuscitations.
8. Demonstrate understanding of pathophysiology for adult and neonatal critical care.
9. Successfully observe and provide assistance with special procedures.
10. Recommend appropriate therapies for ventilator patients.
11. Evaluate effects of ICU respiratory therapy procedures.
12. Provide correct documentation of observations and therapies.
13. Demonstrate effective and appropriate communication skills with patients, family members, and hospital staff.

Course Content

1. Assessments
    a. Chest assessments
    b. Auscultation
2. Hemodynamic data
    a. ECG
    b. Indwelling catheters
3. Parameter checks on mechanical ventilators
    a. Qualitative
    b. Quantitative
4. Management of patients on mechanical ventilators
    a. Monitoring
    b. Troubleshooting
    c. Corrections
5. Weaning technique and airway care
    a. Weaning parameters
    b. Suctioning
6. Management of patients on CPAP devices
    a. Setup
    b. Troubleshooting
7. Cardiopulmonary resuscitations
    a. Ventilation
    b. Compressions
8. Pathophysiology for neonatal and pediatric critical care
9. Observation of and assistance with special procedures
10. Recommend appropriate therapies
11. Evaluate effects of therapy
    a. Patient care plans
12. Documentation of observations and therapies
    a. Treatment schedules
    b. Electronic medical record
13. Patient care plans and education with the patient/family members
    a. Patient care plans
    b. Patient education

Lab Content

1. Assessments
2. Hemodynamic data
3. Mechanical ventilators
4. The patient-ventilator system
5. Weaning technique and airway care
6. Management of patients on CPAP devices
7. Cardiopulmonary resuscitations
8. Pathophysiology for neonatal and pediatric critical care
9. Observation of and assistance with special procedures
10. Recommend appropriate therapies
11. Evaluate effects of therapy
12. Documentation of observations and therapies
13. Communication with patients, hospital staff, patient's family members

Special Facilities and/or Equipment

1. Uniform

2. Name tag/student badge
3. Watch with second hand
4. Stethoscope
5. Class will be held in a clinical setting

Method(s) of Evaluation

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

The student will demonstrate competency through the successful completion of checklists and daily evaluations administered by clinical preceptors

Method(s) of Instruction

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

Clinical performance
Demonstration of clinical skills
Respiratory Therapy competency checklist
Use of case studies or clinical scenarios; integrating communication and cultural differences into our instructional approach
Collaborative activities to foster student reflection and self-assessment

Representative Text(s) and Other Materials

No text required.

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

1. Students are expected to complete 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.
2. Students complete clinical case studies.

Discipline(s)

Respiratory Technologies