GROSSMONT COLLEGE

Official Course Outline

# RESPIRATORY THERAPY 122 – SUPERVISED CLINICAL PRACTICUM II

1. Course Number Course Title Semester Units Semester Hours

RESP 122 Supervised Clinical 3 9 hours lab: 144-162 hours

Practicum II 144-162 total hours

2. Course Prerequisites

A “C” grade or higher in Respiratory Therapy 105 and 108 and 112 and 114.

Corequisite

A “C” grade or higher or concurrent enrollment in Respiratory Therapy 116 and 118 and 150.

Recommended Preparation

None.

3. Catalog Description

This course is designed to practicegeneral respiratory therapy procedures and pulmonary assessment in the acute care hospital environment. Included in the supervised experiences are oxygen, aerosol and medication delivery therapy, chest physiotherapy techniques, hyperinflation therapy, airway care techniques and mechanical ventilation management with both acute and critical care patients. Pulmonary assessment, monitoring and pathophysiology are applied to modify appropriate patient care management.

4. Course Objectives

The student will:

a. Distinguish between normal and abnormal pulmonary assessment findings.

b. Analyze appropriateness of general respiratory care techniques.

c. Propose modification of respiratory care based on pulmonary assessment findings.

d. Relate disease process to the application of general respiratory care procedures.

e. Perform appropriate respiratory care modalities on both acute and critical care patients.

f. Measure effectiveness of respiratory therapy via pulmonary assessment and disease presentation.

5. Instructional Facilities

1. Selected clinical facilities
2. High fidelity simulation laboratory
3. Respiratory Therapy skills laboratory
4. Computer laboratory

6. Special Materials Required of Student

a. Appropriate clinical attire as specified in the Student Handbook.

b. Grossmont College Badge Buddy.

c. Watch with second hand.

d. Stethoscope.

e. Small scissors

f. Grossmont College RT student name tag.

g. Calculator.

h.Access to a computer and printer

i. DataArc instructional DVD [www.dataarc.ws](http://www.dataarc.ws)

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7. Course Content

1. Pulmonary assessment techniques.
2. General pulmonary procedures
3. Medication delivery therapy.
4. Chest physiotherapy techniques.
5. Oxygen and aerosol therapy.
6. Hyperinflation therapy.
7. Airway care management.
8. Noninvasive positive pressure ventilation management.
9. Monitoring and evaluating therapy outcomes.
10. Correlation of patient signs and symptoms with pulmonary diseases.
11. Development of pulmonary care plans.
12. Pulmonary pathophysiology.
13. Patient assessment.
14. Evaluation of therapy.
15. Hazards and side effects of therapy.
16. Modification of treatment plan.

8. Method of Instruction

a. Class and group discussion

b. Multimedia presentations such as DVDs or virtual simulation programs

c. Critical thinking activities such as concept mapping and graphic organizers

d. Analysis of case studies

e. Simulation manikin and intradisciplinary simulation exercises

f. Demonstrations followed by student practice and return demonstration

9. Methods of Evaluating Student Performance

a. Quizzes

b. Procedure specific competency evaluation

c. Verbal questioning

d. Written assignments such as pathophysiology reports

e. Daily evaluation of dependability, professionalism, knowledge, psychomotor/hands on ability, and organization

f. Comprehensive affective evaluation of professional appearance, attendance, preparedness and punctuality, dependability/reliability. Student functions effectively as a member of the healthcare team, contributes to a positive environment within the department, accepts supervision and works effectively with supervisory personnel, appropriately interacts with patients, conducts himself/herself in an ethical and professional manner, has effective oral communication skills, efficient planning and managing of time, is self-directed and is responsible for his/her own actions, confident in abilities, exercises good judgement and maintains composure in stressful situations; and participates in educational activities that enhance clinical performance.

10. Outside Class Assignments

a. Preparation of oral presentations

b. Pathophysiology reports on assigned patients

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11. Texts

a. Required Text(s):

Oakes, Dana, et al. *Clinical Practitioner’s Pocket guide to Respiratory Care*. Orono, ME: Health Educator Publications, 9th edition, 2017

b.Supplementary texts and workbooks:

(1) DataArc License Agreement. [www.dataarc.ws](http://www.dataarc.ws)

(2) Department of Respiratory Therapy.  *Grossmont College Respiratory Therapy Student Handbook*.  El Cajon, CA: Grossmont College 2018/2019

Addendum: Student Learning Outcomes

Upon completion of this course, our students will be able to do the following:

* 1. Demonstrate personal behaviors consistent with professional expectations of a respiratory therapist
  2. Comprehend, apply and evaluate clinical information relevant to a subacute or acute patient diagnosed with a pulmonary or cardiopulmonary disease in the clinical setting and relevant to the patient acuity and population specific to the clinical rotation in RESP 122.

Date approved by the Governing Board: May 21, 2019