# GROSSMONT COLLEGE

Official Course Outline

RESPIRATORY THERAPY 232 – SUPERVISED CLINICAL PRACTICUM IV

1. Course Number Course Title Semester Units Semester Hours

RESP 232 Supervised Clinical 4 12 hours lab

Practicum IV 192-216 total hours

2. Course Prerequisites

A “C” grade or higher in Respiratory Therapy 201 and 208 and 222 or equivalent.

Corequisite

A “C” grade or higher or concurrent enrollment in Respiratory Therapy 205 and 268**.**

Recommended Preparation

None.

3. Catalog Description

This course provides practice inadvanced cardiopulmonary specialty techniques in the hospital environment or simulation lab under direct supervision of specialty experts. These techniques build upon content from 201, 208, and 222.

4. Course Objectives

The student will:

a. Appraise the effectiveness of the critical care regimen

b. Provide care to critically ill patients requiring advanced modes of ventilation

c. Evaluate the patency and effectiveness of the patient’s airway.

e. Demonstrate proficiency in identifying life-threatening problems in adult and pediatric andneonatal cases.

f. Develop a pathophysiology for each assigned disease entity

g.Evaluate the acid/base balance of patients in the ICU

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

5. Instructional Facilities

a. Selected clinical facilities

b High fidelity simulation lab

c. Respiratory Therapy skills laboratory

d. Computer laboratory

6. Special Materials Required of Student

a. Calculator

b. Appropriate clinical attire as described in the Student Handbook

c. Access to computer, printer, and scanner

d. Watch with second hand

e. Stethoscope

f. Grossmont College Respiratory Therapy student name tag

g. Small scissors

h. Grossmont College Respiratory Therapy badge buddy

i. DataArc license agreement [www.dataarc.ws](http://www.dataarc.ws)

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7. Course Content

1. Neonatology
2. Neonatal physiology
3. Abnormal respiratory conditions of neonates
4. Pediatrics

Common respiratory diseases of children in the clinical practicum setting.

1. Ventilator critical care management.
2. Patient assessment in the critical care setting.
3. Critical care procedures and patient management skills
4. Advanced airway management

8. Method of Instruction

a. Class and group discussion

b. Multimedia presentations such as DVD’s or virtual simulation programs

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

d. Analysis of case studies

e. Simulation manikin and interdisciplinary simulation exercises such as code blue day or hospital day

f. Demonstrations of treatments or assessment techniques 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

1. Comprehensive Affective Evaluation of professional appearance, attendance, preparedness and punctuality, dependability/reliability, 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

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:

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

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Addendum: Student Learning Outcomes

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

* 1. Employ personal behaviors consistent with the professional expectations of a respiratory therapist.
  2. Comprehend, apply and evaluate clinical information relevant to critical patient(s) diagnosed with a pulmonary or cardiopulmonary disease(s) in the clinical setting and relevant to the patient acuity and population specific to the clinical rotation in RESP 232.

Date approved by the Governing Board: May 21, 2019