GROSSMONT COLLEGE

Official Course Outline

RESPIRATORY THERAPY 222 – SUPERVISED CLINICAL PRACTICUM III

1. Course Number Course Title Semester Units Semester Hours

RESP 222 Supervised Clinical 4.0 12 hours lab Practicum III 192-216 total hours

2. Prerequisites

A “C” grade or higher in Respiratory Therapy116 and 118 and 122 and 150 or equivalent.

Corequisite

A “C” grade or higher or concurrent enrollment in Respiratory Therapy 201 and 208.

Recommended Preparation

None.

3. Catalog Description

This course provides practice in advanced respiratory procedures and therapeutic techniques in the critical care environment. Therapeutic management of critical pulmonary patients is practiced under direct instructor supervision. Assessment of patient pulmonary status by the student is required prior to the convening of clinical.

4. Course Objectives

The student will:

a. Appraise the effectiveness of the critical care regimen.

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

c. Provide direct patient care for the critically ill patient requiring mechanical ventilation

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

e. Demonstrate proficiency in identifying life-threatening problems in adult and pediatric and neonatal patients.

f. Develop a pathophysiology for each assigned disease entity.

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

h. Evaluate the appropriateness and effectiveness of neonatal and pediatric respiratory care

5. Instructional Facilities

a. Selected clinical facilities

b. High fidelity simulation laboratory

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

a. Critical care procedures and patient management skills:

(1) Airway management

(2) Initiation and maintenance and discontinuance of mechanical ventilation

(3) Monitoring and assessment

(4) Oxygen therapy

(5) PEEP

(6) CPAP

(7) Weaning techniques

(8) Aerosolized medication

(9) Hyperinflation therapy

(10) Arterial blood gas interpretation

(11) Bronchial hygiene

(12) Other advanced life support techniques.

b. Pediatric-neonatal rotation covering basic pediatric-neonatal respiratory management.

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 interdisciplinary simulation exercises such as code blue day or hospital day

f. Demonstrations of specific 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

f. Oral presentations.

g. 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. Oral presentations on medications or treatments available for this patient population

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 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 222.

Date approved by the Governing Board: May 21, 2019