



RESP 290 - Respiratory Care Clinical VI Course Outline

Approval Date: 04/11/2019

Effective Date: 08/12/2019

SECTION A

Unique ID Number CCC000604715
Discipline(s) Respiratory Technologies
Division Health Occupations
Subject Area Respiratory Care
Subject Code RESP

Course Number 290

Course Title Respiratory Care Clinical VI

TOP Code/SAM Code 1210.00 - Respiratory Care Therapy/Therapist* / C - Occupational

Rationale for adding this course to the curriculum Change from variable units to no-variable units since the part time option has been dissolved

Units 4

Cross List N/A

Typical Course Weeks 18

Total Instructional Hours

Contact Hours

Lecture 0.00

Lab 224.00

Activity 0.00

Work Experience 0.00

Outside of Class Hours 0.00

Total Contact Hours 224

Total Student Hours 224

Open Entry/Open Exit No

Maximum Enrollment 30

Grading Option Letter Grade Only

Distance Education Mode of Instruction On-Campus

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description Students will receive supervised clinical experience in the care of patients with cardiopulmonary disease. The course will cover the practical application of theory and techniques. Students will work primarily in adult, neonatal, and pediatric critical care areas of the hospital.

Schedule Description

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

- RESP 250 with a minimum grade of C or better

1b. Corequisite(s): *None*

1c. Recommended: *None*

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

- A. Safely administer respiratory therapy procedures in an adult, pediatric, and neonatal intensive care environment.

2. Course Objectives: Upon completion of this course, the student will be able to:

- A. Apply information given in lectures and labs.
- B. Analyze journal articles related to case studies.
- C. Categorize disease according to their pathophysiology.
- D. Explain the concepts presented in case studies.
- E. Internalize the medical legal aspects of patient care.
- F. Formulate patient care plans.
- G. Develop written presentations on a disease and patient case.
- H. Access and evaluate web sites related to respiratory diseases.
- I. Debate the various approaches to patient care.
- J. Produce a reflective analysis of clinical experiences.
- K.

3. Course Content

- A. Advanced concepts in critical care techniques.
- B. Analysis of journal articles related to case studies.
- C. Categorization of disease according to their pathophysiology.
- D. Student case presentation.
- E. Medical legal aspects of patient care.
- F. Formulation of patient care plans.
- G. Development of written presentation on a disease and patient case.
- H. How to assess and evaluate web sites related to respiratory diseases.
- I. Approaches to patient care.
- J. Reflective analysis of clinical experiences.
- K.

4. Methods of Instruction:

Field Experience:

Lab:

Observation and Demonstration:

Other: Lab activities are: 1. Perform a clinical evaluation on three patients and discuss with supervising RCP. 2. Evaluation to include breath sounds, respiratory rate, pattern, etc.

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Typical classroom assessment techniques

Research Projects -- Examples of Research projects would be: 1. Research the web sites for cases where patients failed weaning trials and list the types and/or protocols where weaning trials are successful.

Home Work -- Examples of Homework would be: 1. Describe mock patient. 2. Write about the appropriate ventilation of an intubated patient, using breath sounds, ABGs, etc. 3. Recommend appropriate changes based on assessment data.

Lab Activities -- Examples of lab activities include: 1. Set up at least one mechanical ventilator. Preferably from scratch. Check the vent. For proper function and for leaks, using the hospital's t-up procedure 2. Select ventilator settings for an admitted patient.

Class Performance -- Class performance activities include: 1. Perform manual ventilation on at least two patients. Be sure you are completely familiar with the type of resuscitation bag used. 2. Perform at least ten ventilator checks.

Letter Grade Only

6. Assignments: State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

None.

B. Writing Assignments

Write about oral and nasal pharyngeal airways, all the equipment on intubation trays, all suction equipment, etc.

Write about the different techniques used for intubating a patient at this hospital. Does it differ from other hospitals visited? Include the role of the RCP during an intubation process.

C. Other Assignments

None.

7. Required Materials

A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.

B. Other required materials/supplies.