



RESP 250 - Respiratory Care Clinical IV Course Outline

Approval Date: 04/11/2019

Effective Date: 08/01/2019

SECTION A

Unique ID Number CCC000604714

Discipline(s) Respiratory Technologies

Division Health Occupations

Subject Area Respiratory Care

Subject Code RESP

Course Number 250

Course Title Respiratory Care Clinical IV

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

Rationale for adding this course to the curriculum 1. Eliminating the 2.5 unit option because the part-time track degree is being eliminated. 2. Updating the prerequisite.

Units 5

Cross List N/A

Typical Course Weeks 18

Total Instructional Hours

Contact Hours

Lecture 0.00

Lab 288.00

Activity 0.00

Work Experience 0.00

Outside of Class Hours 0.00

Total Contact Hours 288

Total Student Hours 288

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 the adult critical care areas of the hospital.

Schedule Description

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

- RESP 185 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 intensive care environment.

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

- A. The following are the stated objectives that each student will show their competency for critical thinking in terms of: 1. Setting up and initiating mechanical ventilators; 2. Manage and evaluate patients on mechanical ventilators with various disease processes; 3. Performing techniques for monitoring patients in the Critical Care Areas; 4. Describing complications of mechanical ventilation and being able to appropriately troubleshoot areas of compromised ventilator performance 5. Perform noninvasive ventilation.
- B. Complete the assigned clinical competency check-offs listed in the required clinical lab competency manual.
- C. Document in the DataArc software program the activities and goals they listed to accomplished each shift.
- D.

3. Course Content

The major objectives of the course will be monitored and assessed by each student for the expected outcomes in terms of the students accomplishments in the area of "critical thinking". The following are the stated objectives that each student will show their competency for "critical thinking" in the following tasks:

1. Setting up of mechanical ventilators.
2. Initiation of mechanical ventilators.
3. Manage and evaluate patients on ventilators with various disease processes.
4. Performing techniques for monitoring patients in the Critical Care Areas.
5. Describing complications of mechanical ventilation and being able to appropriately troubleshoot areas of compromised ventilator performance.
6. Perform noninvasive ventilation.

4. Methods of Instruction:

**Observation and Demonstration:
Work Experience:**

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

Typical classroom assessment techniques

Class Work -- Examples on the type of class work done by the students:1. Weekly student evaluations (in Data Arc)2. Instructor and hospital evaluations.

Home Work -- Examples of homework done by the students:1. Discuss the benefits of Non-invasive Ventilation and its application in the Intensive care unit.2. List at least 5 Pharmacological Agents used on a COPD patient and explain the mode of action of each.

Lab Activities -- Examples of lab activities are:1. Explain the plan of action on the assessment of two patients with the documented form on Case Studies.2. Completed the required clinical check-off'sincluding two timesheets

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

Two Case Studies, weekly student evaluations, one each of the following; instructor and hospital evaluations, any completed check-off sheets, two timesheets one for each rotation, plus a 4-5 page homework assignment.

C. Other Assignments

Trajecsys is a database-tracking concept for tracking students clinical activities at both local and remote clinical sites.

7. Required Materials

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

B. Other required materials/supplies.