Common Course Outline
RESP 200
Clinical Practicum II
2 Credits

Community College of Baltimore County

Description

RESP 200 – Clinical Practicum II is a 5 weeks course in which the concepts of mechanical ventilation in the classroom and laboratory settings are presented. Application of skills and knowledge learned during the first year will continue under supervision of clinical faculty/preceptor. The students are introduced to practice in the Intensive Care Unit with emphasis on caring for a mechanically ventilated patient. Continuous evaluation of skills competencies is required in the clinical environment.

2 Credits: 2 lecture hours per week; 2 hours laboratory hours a week; 8 hours clinical a week

Prerequisite: RESP 104

Overall Course Objectives

Upon completion of the course students will be able to:

1. extend professional behavior to patients and other health care providers;
2. integrate effective communication techniques with patients and other health care providers;
3. demonstrate organizational skills and time management skills necessary for a patient work assignment in the clinical setting;
4. perform respiratory care modalities in the clinical and laboratory setting;
5. review a medical chart to gather pertinent patient information;
6. analyze patient laboratory, imaging, assessment and diagnostic data;
7. determine a respiratory treatment/care plan using respiratory therapy modalities;
8. implements a respiratory treatment/care plan using respiratory therapy modalities;
9. collect, assemble and perform corrective action for all respiratory therapy equipment;
10. demonstrate assembly of a ventilator circuit;
11. evaluate the effectiveness of a respiratory treatment/care plan;
12. modify a respiratory treatment/care plan;
13. compose and deliver an accurate and concise patient report to other healthcare professionals involved in the patient's treatment plan;
14. document accurate and concise patient data into the hospitals recording system;
15. using reflection, critique daily experiences/interactions that illustrate self-directed learning;
16. establish initial patient ventilator and alarm parameters;
17. differentiate between specific ventilator alarms;
18. specify ventilator changes in response to patients ABG values;

19. discuss the basic modes of mechanical ventilation;
20. state the difference between volume and pressure ventilation; and
21. explain factor(s) affecting ventilation.

Major Topics

I. Noninvasive ventilation
   A. BIPAP
   B. CPAP
II. Mechanical Ventilation
   A. Basic modes of ventilation
   B. Ventilator classifications
   C. Clinical application of mechanical ventilation
   D. Initiation of mechanical ventilation
   E. Management of ventilator dependent patients
   F. Weaning from the ventilator

Course Requirements

Grading procedures will be determined by the individual faculty member but will include the following:

Grading/exams

- A minimum of four weekly clinical evaluations
- A minimum of three skills competencies (Lab and Clinical)
- A minimum of three quizzes
- A minimum of three discussion board assignments
- A cumulative final exam
- A graded mock exam
- A cumulative lab skills final
- Professionalism
- Participation

Written Assignments: Students are required to use appropriate academic resources and must use appropriate APA format.

Other Course Information

This course is a Respiratory Therapy program core course. This course is part of a program sequence that requires admission to the program. This course includes a clinical dress code and travel to various clinical sites. This course encompasses attending lecture, lab, and clinical rotations at assigned hospitals. This course is offered in the summer only.