

Common Course Outline

RESP 206

Clinical Practicum IV

5 Credits

Community College of Baltimore County

Description

RESP 206 – Clinical Practicum IV builds upon the clinical experience of RESP 203, practicing and refining skills in the adult critical care setting under supervision of clinical faculty/preceptor. This course provides experience in a variety of advanced clinical specialty rotations to include, but not limited to: pulmonary function, cardiopulmonary rehabilitation, home care, pediatric and neonatal care. Regularly scheduled lectures with the medical director enhance their clinical knowledge. Continuous evaluation of skills competencies is required in the clinical environment.

5 Credits: *3 hours of laboratory per week; 16 hours of clinical per week*

Prerequisite: RESP 203

Co-requisites: RESP 204 and RESP 205

Overall Course Objectives

Upon completion of this course students will be able to:

1. demonstrate professional behavior in dealing with patients and other hospital members;
2. integrate effective communication techniques with patients and other health care providers;
3. identify roles and responsibilities of members of the health care team in various hospital and outpatient clinical situations;
4. complete laboratory assignments and patient case studies;
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 for patients in an outpatient clinical situations using respiratory therapy modalities;
8. formulate a care plan for neonatal/pediatric/adult patient's complex needs requiring intubation and mechanical ventilation;
9. perform various fundamental and advanced respiratory care modalities in the clinical, outpatient, and laboratory setting;
10. implement airway care, mechanical ventilation, oxygen therapy, hemodynamic monitoring, transcutaneous monitoring, and chest x-ray evaluation;
11. evaluate the effectiveness of a respiratory treatment/care plan;
12. modify care plan;
13. demonstrate organizational skills and time management skills necessary for a patient work assignment in the clinical setting;
14. compare and contrast respiratory care plans for patients of diverse populations;

15. differentiate between regular, irregular, and lethal cardiac rhythms;
16. complete a patient Situation/ Background/ Assessment/ Recommendation (SBAR);
17. assemble and troubleshoot all respiratory therapy equipment needed in the delivery of therapy to the patient;
18. examine evidence-based practice as it relates to respiratory therapy procedures;
19. participate in two inter-professional activities;
20. compose and deliver an accurate and concise patient report to other healthcare professionals involved in the patient's treatment plan;
21. document accurate and concise patient data in the hospital's recording system; and
22. using reflection, critique daily experiences/interactions that illustrate self-directed learning.

Major Topics

- I. Classification of mechanical ventilators including home care vents
 - A. PB 840
 - B. Servo I
 - C. Drager Evita
 - D. Servo U
 - E. Avea
- II. Pediatric and neonatal airway management
 - A. Suctioning via nose and mouth
 - B. Suctioning via ETT
- III. Pediatric and neonatal oxygen therapy
 - A. Nasal cannula
 - B. oxygen hood
- IV. Pediatric and neonatal care modalities
- V. Patient-ventilator system care including pediatric and neonatal
 - A. PB 840
 - B. Servo I
 - C. Drager Evita
 - D. Servo U
 - E. Avea
- VI. Clinical specialties
 - A. Home care
 - B. Neonatal Intensive Care Unit (NICU)
 - C. Pediatric Intensive Care Unit (PICU)
 - D. Pulmonary Function Laboratories
 - E. Pulmonary Rehabilitation
 - F. Adult Intensive Care Unit

Course Requirements

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

Grading/exams

- A minimum of four laboratory skills test
- A minimum of four clinical skills test
- Participation in a minimum of one Inter-professional Activity
- A minimum of one Situation/Background/Assessment/Recommendation (SBAR) assignment
- Weekly clinical/laboratory documentation in specified online management system
- Weekly laboratory assignments
- A comprehensive skill final
- Professionalism
- Participation

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

Other Course Information

This course is a Respiratory Care 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 is offered during the spring semester only.

Date Revised: 11/06/2018