

## **NURN 236**

### **Nursing Concepts III**

6 Credits: 3.4 credits lecture and 2.6 credits lab/clinical

## Community College of Baltimore County

### Common Course Outline

#### **Description**

**NURN 236 – Nursing Concepts III:** Students prepare for the transition to the role of the registered nurse generalist. Emphasis is placed on the concepts of cellular regulation, neural regulation, advanced perfusion, and multisystem/trauma. Supervised simulations and clinical experiences are designed to provide students with the opportunity to assume the role of the nurse generalist to manage groups of clients, delegate appropriate tasks, and develop professional leadership skills.

**Pre-requisites:** NURN 234 Nursing Concepts II (with a grade of C or better)

#### **Overall Course Objectives**

Upon completion of this course, students will be able to:

1. develop a patient-centered plan of care for clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function;
2. demonstrate nursing judgment in prioritizing nursing interventions for clients experiencing medical emergencies;
3. evaluate laboratory and diagnostic data related to clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function;
4. analyze the use of technology and informatics in early recognition of clinical deterioration (failure to rescue);
5. distinguish the role of the nurse as part of the multidisciplinary team when caring for clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function;
6. use pharmacological principles when administering medications to clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function;
7. formulate educational health promotion activities related to the health care needs of individuals, families, and communities;
8. demonstrate effective communication techniques and caring interventions to improve client outcomes for a diverse population;
9. demonstrate safe nursing care for clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function;
10. appraise evidence-based practice methods for clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function; and
11. formulate a teaching plan for clients with alterations in perfusion, cellular regulation, neural regulation, and multi-system function.

## **Major Topics**

- I. Perfusion
  - a. Coronary artery disease
  - b. Myocardial infarction/acute coronary syndrome
  - c. Cardiac dysrhythmia
    - i. Electrocardiogram (ECG) interpretation
    - ii. Pacemakers, automated internal cardiac defibrillators
  - d. Shock/disseminated intravascular coagulation
- II. Cellular regulation
  - a. Principles of cancer treatments
  - b. Multisystem symptom management
  - c. Selected cancers
    - i. Lung
    - ii. Breast
    - iii. Prostate
    - iv. Leukemia
    - v. Colon
    - vi. Skin
  - d. Oncologic emergencies
- III. Multi-system/trauma
  - a. Burns
  - b. Spinal cord/traumatic injuries
  - c. Acute respiratory distress syndrome/mechanical ventilation
  - d. Chronic renal failure/dialysis/transplant
  - e. Liver cirrhosis
- IV. Neural regulation
  - a. Increased intracranial pressure
  - b. Traumatic brain injury
  - c. Seizures
  - d. Stroke
  - e. Parkinson's disease
  - f. Multiple sclerosis
  - g. Meningitis

## **Course Requirements**

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- 4 theory examinations
- 3 quizzes
- 2 written assignments, such as clinical prioritizing and leadership projects and an evidence-based practice presentation/written assignment involving research of current nursing literature
- 1 proctored standardized test

Written assignments and research projects: students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

### **Other Course Information**

The following are required for satisfactory completion of this course:

- Attendance at all assigned clinical/laboratory experiences
- Satisfactory completion of all assignments
- Satisfactory performance in the clinical experience
- Satisfactory performance on all nursing skills tests
- An exam average of 75.00% or higher
- An overall grade of C (75.00%) or higher

Date Revised: 10/1/2019