

## **NURN 222**

### **Pediatric Nursing Concepts**

3 Credits: 2 lecture and 1 lab

## Community College of Baltimore County Common Course Outline

### Description

**NURN 222 – Pediatric Nursing Concepts:** Students examine the role of the nurse generalist in the provision of care to children and families in acute care and community settings. Emphasis is placed on major concepts in professional practice, healthcare systems, health and wellness, and illness and injury. Students learn to deliver family-centered nursing care to children with gas exchange, nutrition, perfusion, fluid and electrolyte, and infection issues.

**Pre-requisites:** NURN 160 (with a grade of C or higher)

### Overall Course Objectives

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

1. evaluate health promotion activities that contribute to the optimal growth and development of infants and children;
2. use nursing judgement in promoting optimal child health to children and their families;
3. apply principles of effective teaching and learning in meeting children's and their families' health care needs;
4. incorporate caring interventions for children and their families in a variety of settings through collaboration with other health care providers;
5. develop professional identity through caring for children and their families;
6. use effective communication to improve health outcomes for children and their families in a variety of health care settings;
7. plan healthcare that respects family dynamics, diversity, and spiritual preferences of children and their families;
8. use informatics and evidence-based practice for clinical decision making when caring for children and their families;
9. explore grief and loss, as well as legal and ethical issues related to the care of children and their families;
10. apply pediatric pharmacologic principles to the nursing care of children; and
11. use the nursing process to provide comfort and deliver safe, atraumatic, family-centered nursing care to children with gas exchange, nutrition, perfusion, fluid and electrolyte, and infection issues.

### Major Topics

- I. Professionalism – the role of the pediatric nurse

The Common Course Outline (CCO) determines the essential nature of each course.  
For more information, see your professor's syllabus.

- II. Ethics
  - a. Organ donation
  - b. Child abuse and neglect
- III. Communication – children and families
- IV. Caring interventions
  - a. Pediatric physical assessment
    - i. Hydrocephalus
    - ii. Scoliosis
  - b. Psychomotor nursing skills for pediatrics
- V. Safety
  - a. Restraints and positioning
  - b. Dosage and medication administration
- VI. Evidence-based pediatric practice
- VII. Legal issues in the care of children and families
- VIII. Patient-centered care
- IX. Health promotion
  - a. Pediatric screenings
  - b. Immunizations
  - c. Well-child visits/anticipatory guidance
- X. Family dynamics
  - a. Stages of families
  - b. Types of contemporary families
  - c. Family responses to pediatric health alterations
- XI. Human growth and development
  - a. Infant
  - b. Toddler
  - c. Preschool
  - b. School-age
  - c. Adolescent
- XII. Nutrition
  - a. Normal nutrition – infants to adolescents
  - b. Failure to thrive
  - c. Childhood obesity
  - d. Celiac disease
- XIII. Comfort
  - a. Pain management in the pediatric population
  - b. Atraumatic care
- XIV. Grief and loss – pediatric clients and families
- XV. Clinical judgment
  - a. Management of care in the pediatric population
  - b. Pharmacotherapy for the pediatric population
- XVI. Gas exchange
  - a. Croup syndrome
  - b. Cystic fibrosis
  - c. Respiratory Syncytial Virus (RSV)
- XVII. Perfusion

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- a. Sickle cell disease
  - b. Congenital heart defects – Tetralogy of Fallot
- XVIII. Fluid and electrolytes - dehydration
- XIX. Infection
- a. Otitis media
  - b. Rotavirus
  - c. Tonsillitis

### **Course Requirements**

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

- 3 theory examinations
- 2 graded activities
- 1 graded activity will include a writing assignment
- 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

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