

NURN 222

Pediatric Nursing Concepts

3 Credits (2 hours lecture and 2 hours lab)

Community College of Baltimore County
Common Course Outline

Description

NURN 222 – Pediatric Nursing Concepts: is a course in which 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 clinical judgment to promote optimal health for 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 alongside an interdisciplinary team;
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, equity, inclusion, 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. discuss grief and loss, as well as legal and ethical issues related to the care of children and their families;
10. apply pediatric pharmacologic principles when caring for a child with an alteration in gas exchange, fluids and electrolytes, infection, perfusion, and/or comfort; and
11. use the nursing process to provide comfort and deliver safe, atraumatic, family-centered nursing care to children with alterations in gas exchange, nutrition, perfusion, fluid and electrolyte, and/or infection.

Major Topics

- I. Professionalism
- II. Ethics

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

- a. Organ donation
 - b. Child abuse and neglect
- III. Communication with 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
 - d. School-age
 - e. Adolescent
- XII. Nutrition
 - a. Normal nutrition – infants to adolescents
 - b. Failure to thrive
 - c. Childhood obesity
- 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. Respiratory Syncytial Virus (RSV)
- XVII. Perfusion
 - a. Sickle Cell Disease (SCD)
 - b. Congenital heart defects
 - i. Atrial Septal Defect (ASD)
 - ii. Ventricular Septal Defect (VSD)

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

- XVIII. Fluid and electrolytes
- a. Dehydration
 - b. Rotavirus
 - c. Well-child visits/anticipatory guidance
- XIX. Infection
- a. Otitis media
 - b. Tonsillitis
 - c. Appendicitis

Course Requirements

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

- three theory examinations
- two graded activities, one of which will be a writing assignment
- one proctored standardized test

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to APA style.

Other Course Information

The following are required for satisfactory completion of this course:

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

Date Revised: 2/6/2024

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