

Common Course Outline

NURN 222

Pediatric Nursing Concepts

1 Credit

The Community College of Baltimore County

Description

NURN 222 – **Pediatric Nursing Concepts** prepares students for the nurse generalist role in the provision of nursing care to children and families in acute care and community settings. Emphasis is placed on the concepts of child health, physical assessment, growth and development, and nursing care for pediatric patients with oxygenation, nutrition, perfusion, homeostasis, and neural regulation issues.

3 Credits: 2 credits of theory (30 clock hours) and 1 credit hour simulation/lab/clinical (45 clock hours)

Prerequisite: NURN 160 (with a grade of C or higher)

Overall Course Objectives

Upon completion of this course students will be able to:

1. plan and evaluate health promotion activities that contribute to the optimal growth and development of infants and children;
2. use the nursing process in promoting optimal child health to children and their families;
3. apply principles of effective teaching in meeting children and their families' health care needs;
4. incorporate advocacy for children and their families in a variety of settings through collaboration with other health care providers;
5. use professionalism, effective communication, and caring behaviors to improve health outcomes for children and their families in a variety of health care settings;
6. plan healthcare that respects diversity and spiritual preferences of children and their families;
7. use informatics and evidence based practice for clinical decision making when caring for children and their families;
8. apply pediatric pharmacologic principles to the nursing care of children;
9. use the nursing process to deliver safe, atraumatic, family-centered nursing care to children with oxygenation, nutrition, perfusion, homeostasis, and neural regulation issues; and
10. perform nursing skills using available technology to provide safe and effective care of children with oxygenation, nutrition, perfusion, homeostasis and neural regulation issues.

Major Topics

- I. Nursing Care Needed to Promote Child Health
 - A. Normal growth and development
 - B. Physical assessment
 - C. Communication with children and families
 - D. Health promotion
 - E. Hospitalization of children
 - F. Exemplars
 - 1. Scoliosis
 - 2. Failure to thrive
- II. Nursing Care of the Child with Oxygenation Issues
 - A. Otitis media
 - B. Tonsillitis/tonsillectomy
 - C. Croup syndrome
 - D. Bronchiolitis
 - E. Cystic fibrosis
- III. Nursing Care of the Child with Nutritional Issues
 - A. Normal pediatric nutrition
 - B. Hirschsprung Disease
 - C. Pyloric stenosis
 - D. Cleft lip and palate
 - E. Intussusception
 - F. Celiac Disease
- IV. Nursing Care of the Child with Perfusion Issues
 - A. Nursing Care of the Child with hematological disorders
 - 1. Sickle Cell
 - 2. Hemophilia
 - B. Nursing Care of the Child with an Acquired Heart Defect – Kawasaki's Disease
 - C. Nursing Care of the Child with Congenital Heart Defects
 - 1. Ventricular septal defect
 - 2. Patent ductus arteriosus
 - 3. Coarctation of the aorta
 - 4. Aortic stenosis
 - 5. Tetralogy of Fallot
 - 6. Transposition of the great arteries
- V. Nursing Care of the Child with a Homeostasis Issue - Rotavirus
- VI. Nursing Care of the Child with Neural Regulation Issues
 - A. Closed Head Injury
 - B. Spina Bifida
 - C. Hydrocephalus
 - D. Meningitis

Course Requirements

An overall grade of C (75.00%) or higher is required for satisfactory completion of the course.

Grading/exams: Grading procedures will be determined by the course faculty members but will include the following:

- A minimum of three theory examinations. The exam average must equal 75.00% or higher to pass the course.
- A minimum of two quizzes or other graded activities.
- Successful completion of a proctored standardized test.
- A minimum of one writing assignment.

Students are required to utilize appropriate academic resources.

Clinical Requirements:

- Attendance at all assigned clinical/laboratory experiences.
- Satisfactory completion of all clinical assignments.
- Satisfactory performance in the clinical experience.