Course Outline for Nursing 52

Catalog Description:

NURS 52 - Pediatric Nursing

Emphasis placed on the use of the nursing process in promoting adaptive processes necessary for coping with the health issues of infants, children and adolescents. Theory and clinical practice includes integration of assessment skills, growth and development, family abuse issues, nutrition, pharmacological concepts, ethical issues, and teaching strategies unique to child-rearing families. Clinical focuses on care of clients in community and acute care settings. Concepts related to the California Nursing Practice Act, and Quality, and Safety Education in Nursing (QSEN) will be incorporated. Total weeks-9.

Prerequisite: NURS 55 (completed with a grade of “C” or higher)

Grading Option: Letter Grade

Prerequisite Skills: None

Measurable Objectives:

Upon completion of this course, the student should be able to:

1. Theoretical Outcomes:
   1. discuss an assessment on children of various ages, identifying high-risk clients through the systematic collection of data in hospital and community settings;
   2. develop relevant, culturally sensitive, and developmentally appropriate nursing care plans for pediatric clients;
   3. identify appropriate psychosocial and physical nursing interventions for children and their families, including health teaching related to growth and development, and child safety;
   4. identify the characteristic behaviors of children at different developmental levels;
   5. identify cultural patterns influencing the family’s adaptation to their child’s experience;
   6. identify the physiological and pathophysiological processes of childhood diseases;
   7. articulate some of the ethical issues involved in the health care of pediatric clients and their families;
   8. facilitate the family’s adaptation and role change during the child’s hospitalization and illness;
   9. discuss adaptations necessary for caring for families with chronic illness and/or developmental disabilities;
   10. discuss nursing responsibilities in caring for families with unexplained death or injuries to the child.

11. Clinical Outcomes:
    11. perform an assessment on children of various ages, identifying high-risk clients;
    12. safely administer medications to a variety of pediatric clients using the developmentally appropriate approach;
    13. identify and describe the steps of the nursing process in pediatric settings, with incorporation of legal principles;
    14. identify and institute appropriate interventions in family abuse;
    15. identify the conditions associated with genetic patterns of inheritance and correlate pediatric care appropriately;
    16. demonstrate the following nursing skills as adapted to pediatric clients;
       a. application of bedside assessment, respiratory, and abdominal;
       b. application of the adaptation model based on Roy’s theory in the formulation of nursing care plans for the pediatric client;
       c. family teaching of concepts related to:
          1) physical and emotional care of the hospitalized child;
          2) compliance with therapy or prescribe treatment;
          3) safety factors appropriate for each age;
          4) need for health supervision for the growing child;
          5) personal hygiene.
       d. use and effectiveness of therapeutic play;
       e. administration of parenteral therapies;
       f. nasogastric and gastrostomy tube feedings;
       g. therapeutic procedures related to respiratory dysfunction (oxygen, clapping, vibration, postural drainage);
       h. care of the child with chronic illness;
       i. care of the child with problems related to production and circulation of blood;
       j. care of the child with a life-threatening illness;
       k. care of the child with problems related to gas transport;
       l. care of the immobilized child;
       m. care of the child with fluid and electrolyte disturbance and alteration in nutrition including calculation of fluid and caloric needs.

Course Content:
Lecture Content
1. Application of the nursing process in the care of the child and family
2. Physical and developmental assessment of the newborn and the child
3. Impact of hospitalization on the child and family
4. The child and family with special needs
5. The child and family with chronic and/or life-threatening illness and disability
6. Children’s perception of death and care of the grieving family
7. Communicable disease and immunization practices
8. Disturbances of fluids and electrolytes
9. Problems in transfer of oxygen
10. Problems in transfer of nutrients
11. Problems related to production and circulation of blood
12. Problems that interfere with locomotion
13. Issues in parent education
14. Family violence
15. Acquired immunodeficiency syndrome in the pediatric population
16. Effects of cultural diversity in meeting needs of children
17. Attention deficit disorder

Lab/Clinical Content
1. Care of the client with:
   A. disturbances of fluid and electrolytes
   B. problems in transfer of oxygen
   C. problems in transfer of nutrients
   D. problems related to production and circulation of blood
   E. problems that interfere with movement
   F. assessment of the hospitalized pediatric client
   G. assessment of healthy children in community settings

Methods of Presentation
1. Lecture/Discussion
2. Discussion Seminar
3. Demonstration/Exercise
4. Simulation Scenarios
5. Clinical experience
6. Textbook reading assignments

Assignments and Methods of Evaluating Student Progress
1. Typical Assignments
   A. Complete and submit case studies/care plans in Pediatric nursing.
   B. Evaluate nursing function differences in the home, out-patient clinic and hospital settings.
   C. Perform a head-to-toe assessment on a pediatric client and document findings.
   D. Analyze and evaluate results of a head-to-toe assessment of a pediatric client.
   E. Implement safe and effective nursing care, using interventions developed from the analysis and evaluation of the assessment of a pediatric client.

2. Methods of Evaluating Student Progress
   A. Nursing Care Plans
   B. Final Examination
   C. Exams/Tests
   D. Skills performance examination
   E. Clinical performance
   F. Demonstration of practice and skills

3. Student Learning Outcomes
   Upon the completion of this course, the student should be able to:
   A. Identify the characteristic behaviors of children at different developmental levels.
   B. Identify appropriate psychosocial and physical nursing interventions for children and their families.
   C. Perform an assessment on children of various ages, identifying high-risk clients.
   D. Safely administer medications to a variety of pediatric clients using the developmentally appropriate approach.

Textbooks (Typical):

Special Student Materials
1. Stethoscope
2. Student ID card
3. Lab Coat
4. Student Uniform
5. Watch with sweep second hand
6. Students will provide own transportation to and from health care facilities

Abbreviated Class Schedule Description:
Prerequisite: NURS 55 (completed with a grade of "C" or higher)