

VNRS 180: PEDIATRIC NURSING

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2021
Credits:	3.5
Total Contact Hours:	126
Lecture Hours :	36
Lab Hours:	90
Hours Arranged:	0
Outside of Class Hours:	72
Prerequisite:	VNRS 160, VNRS 161L, VNRS 162, VNRS 163, and VNRS 164; VNRS 181 or concurrent enrollment.
Transferable to CSU:	No
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

This course covers normal and abnormal conditions of the child from infancy through adolescence. It includes pediatric nursing experience in a local hospital, day care center, and/or clinic. 36 lecture hours, 90 lab hours.

Course Objectives

- Identify common pathophysiological conditions of the child from infancy to adolescence.
- Utilize the nursing process in relating conditions or diseases of the child patient to therapeutic interventions.
- Administer medications to the child client.
- Define safe, ethical and legal principles in compliance with the Nurse Practice Act.
- Identify and implement strategies for effectively communicating with children of different ages and developmental levels along with their families.
- Demonstrate a broad base of knowledge and critical thinking in the application of the nursing process.
- Recognize and practice culturally sensitive care with the integration of developmental theories in health care setting while rendering nursing care to meet the needs of pediatric clients and their families with complex alteration in wellness.

Major Course Content

1. Structural, Functional and Psychological Changes in the Child
 - a. Genetic and environmental influences and limits
 - b. Physical growth
 - c. Motor development
 - d. Intellectual development
 - e. Emotional development
2. Preventative Pediatrics
 - a. Self-feeding and basic nutrition
 - b. Immunizations
 - c. Child safety
3. Hospitalization of the Child
 - a. Preparation for hospitalization
 - b. Separation anxiety
 - c. Growth and developmental needs
4. Rehabilitation of the Long-term Pediatric Client
 - a. Psychological support of long-term clients and their families
 - b. Common conditions
 - c. Physical aspects of rehabilitation
 - d. Behavioral aspects of rehabilitation
5. The Dying Child, the Family and Nurse
 - a. The challenge
 - b. Reactions of the child
 - c. Parental reactions
 - d. Sibling reactions
 - e. Nurses' reactions
 - f. Support groups
 - i. S.I.D.S.
 - ii. Religious
6. Pediatric Procedures
 - a. Hospital admission
 - i. Pertinent information
 - ii. Vital signs based on age
 - iii. Collection of specimens
 - iv. Diet and fluid orders
 - b. Discharge
 - i. Discharge needs
 - ii. Possible behavioral changes
7. Basic Patient Needs and Daily Planning
 - a. Safety
 - b. Observation/assessment
 - c. Diagnostic procedures
 - d. Supportive procedures
 - e. Medications
 - f. Special treatments
 - g. Recording
 - h. Daily planning
8. Common Diagnostic Test
 - a. Blood specimen test
 - b. Urine specimen test
 - c. Stool/sputum test
9. The Child Surgical Client
 - a. Child-adult distinction
 - b. Pre/post-operative care
10. Respiration/Oxygenation Needs
 - a. Airway management
 - b. Suction
 - c. Humidification
 - d. Medications
 - e. Postural drainage/trach. care and percussion
 - f. Oxygen administration

- g. CPR/mechanical ventilation/Respiratory treatments
- h. Nursing care
- 11. Traction, Casting and Braces
 - a. Assessment of orthopedic client
 - b. Nerve and circulation evaluation
 - c. Traction equipment
 - d. Cast care
 - e. Care of braces
 - f. Nursing responsibilities
- 12. Methods of Temperature Control and Therapeutic Uses of Heat and Cold
- 13. Common Pediatric Problems and Nursing Care
 - a. Conditions involving the integumentary system
 - b. Communicable diseases
 - c. Conditions involving the neuromuscular and skeletal systems
 - d. Conditions involving the cardiovascular and respiratory systems
 - e. Conditions involving the digestive system and associated metabolism
 - f. Conditions involving the genito-urinary system

Lab Content

Under supervision by clinical instructors, the student nurse will perform the following skills in a clinical setting (or simulated lab situation using computerized simulation manikins) on child clients experiencing alterations in wellness, utilizing the steps of the nursing process during all phases of care:

1. Assist with admission and the assessment of a child client by gathering data, recording the data on the chart and utilizing the nursing process to discuss actual and/or potential nursing problems related to the child client.
2. Organize assessment cues into relevant groups of identifying criteria and formulate individualized nursing diagnoses.
3. Identify behavioral cues in a child with an alteration in wellness and apply these cues to a communication plan to be used by the nursing team in caring for the client and family.
4. Administer medication demonstrating correct critical thinking and the use of development theories regarding pharmacologic interventions.
5. Plan for and consistently provide appropriate infection control and other safety measures as indicated by child client's health and developmental status.

Suggested Reading Other Than Required Textbook

Internet research articles related to specific pediatric disease processes assigned by course instructor.

Examples of Required Writing Assignments

Pediatric Nursing Care Plan and Case Study: Utilizing the nursing process (ADOPIE) and a scenario provided by the course instructor, the student will write a nursing plan of care on a pediatric patient. The student will write and present the steps involved in providing patient teaching related to specific pediatric disease processes.

Examples of Outside Assignments

Students will be required to complete the following types of assignments outside of the regular class time: Study: preparation of quizzes, class discussion, and group presentation of disease processes. Answer questions: Workbook NCLEX-STYLE review questions and Critical Thinking exercises on chapter subjects such as assessment of the child, care of the hospitalized child, the dying child, the child with respiratory disorders, and the child with cardiovascular disorders. Read required materials: chapter assignments on pediatric topics such as assessment of the child, care of the hospitalized child, the dying child, the child with respiratory disorders, and the child with cardiovascular disorders.

Instruction Type(s)

Lecture, Lab, Online Education Lecture, Online Education Lab