

COLLEGE-WIDE COURSE CONTENT SUMMARY
NUR 221 – SECOND LEVEL NURSING PRINCIPLES AND CONCEPTS (9 CR.)

Course Description

Focuses on nursing care of individuals, families, and/or groups with multidimensional needs in a variety of settings. Uses all components of the nursing process with increasing degrees of skill. Includes math computational skills, basic computer instruction related to the delivery of nursing care and nursing care related to infectious, immunological, oncological, hematological, gastrointestinal, vascular, sensory, genitourinary musculoskeletal, regulatory, endocrine, and women's health disorders and pre/intra/post-operative care. Provides supervised learning experiences in college nursing laboratories and/or cooperating agencies. Lecture 4 hours, Laboratory 15 hours. Total 19 hours/week (9 Credits)

General Course Purpose

This course prepares third-semester nursing students to apply the nursing process to the care of clients with selected medical conditions. This course covers medical-surgical nursing content under the framework of Maslow's Hierarchy of Needs, focusing on physiological and psychological integrity.

Course Prerequisites/Co-requisites

Pre-requisites: ENG 111, NAS 161, NAS 162, SDV Elective, HLT 141, NUR 111 or NUR 115, NUR 150, PSY 201-202, HLT 250, NUR 180, NUR 201

Co-requisites: NUR 255, NUR 254, CST Elective, Humanities Elective

Course Objectives

Upon completing the course, the student will be able to:

1. Utilize the nursing process, critical thinking strategies and Maslow's Hierarchy of Needs to manage nursing care of the medical-surgical pediatric and adult client for the disorders under study.
2. Analyze etiology, pathophysiology, diagnostic tests, and treatment of integumentary, immunological, oncological, hematological, gastrointestinal, sensory, genitourinary, musculoskeletal, regulatory, and endocrine disorders.
3. Apply culturally competent nursing care for the medical-surgical pediatric and adult client and family.

4. Communicate effectively with culturally diverse medical-surgical pediatric and adult clients and families.
5. Utilize the teaching/learning process in providing safe and effective nursing care for the medical-surgical pediatric and adult client and family.
6. Utilize quantitative reasoning and accepted standards for safe administration of medication and parenteral therapies for the medical-surgical pediatric and adult client.
7. Manage pharmacological and nutritional therapies for the pediatric and adult medical-surgical client with the disorders under study.
8. Incorporate knowledge of expected growth and development principles; prevention and/or early detection of health problems; and apply strategies to achieve optimal health when managing care of the pediatric and adult medical-surgical client.
9. Provide nursing care that promotes and supports the emotional, mental, spiritual and social well-being of the pediatric and adult medical-surgical client and family.
10. Use information technology to communicate, manage knowledge, mitigate error, and support decision making in medical-surgical care settings.
11. Integrate evidence based practice with clinical decision making/critical thinking and patient/family preferences and values for delivery of optimal health care in the medical-surgical care setting.
12. Provide nursing care for the pediatric and adult medical-surgical client in a manner consistent with accepted legal and ethical principles for registered nurses.

Major Topics to be included

Pediatric nursing

Drug dosage calculation

Integumentary disorders of children and adults

Immune disorders of children and adults

Infectious/immunologic disorders

Oncological and Hematological disorders of children and adults

Gastrointestinal disorders of children and adults

Musculoskeletal disorders of children and adults

Endocrine disorders of children and adults

Genitourinary disorders of children and adults

Sensory disorders of children and adults