

NURSING (NR)

NR 2100 Foundations of Professional Nursing (3)

Designed to provide an overview of the roles and responsibilities of the professional nurse within healthcare and professional organizations. Emphasizes legal, ethical, and organizational factors influencing quality nursing along with trends in nursing, policy issues, and the nature and delivery of basic nursing care. Falls.

Prerequisite(s): Minimum grade B- in BI 2110, BI 2130, BI 2120, BI 2140.

Corequisite(s): NR 2300.

NR 2300 Biochemistry for Nurses (3)

Covers basic principles of biochemical processes, to understand biological system functioning from a nursing perspective. Defines basic chemistry concepts. Introduces basic cell biology. Explores properties of lipids, carbohydrates, and proteins as they related to nutrition and cellular function. Introduces and applies Mendelian genetics to explore patterns of inheritance. Falls.

Corequisite(s): NR 2100.

NR 2550 Health Assessment (3)

Provides students with the knowledge and skill necessary to perform a comprehensive health assessment. Emphasizes history taking, physical examination techniques, and the interpretation of data collected from patients of all ages. . Equipment and technology in the clinical skills lab setting is explored. Uses a physical, psychosocial, cultural, and spiritual approach to assess the patient and provide the basis for the patient plan of care. Springs.

Corequisite(s): NR 2750.

NR 2750 Pathophysiology (4)

Focuses on the pathophysiological processes of disease, including etiology, signs and symptoms, and clinical assessment. Identifies factors that influence pathology, including developmental, lifestyle, and cultural issues. Addresses clinical assessment of pathophysiological syndromes, analysis of related clinical laboratory information, implementation of nursing interventions, and identifications of desired clinical outcomes. Springs.

Corequisite(s): NR 2550.

NR 3020 Introduction to Patient-Centered Care (3)

Introduces nursing students to the theoretical framework encompassing the knowledge, attitudes, and skills required to practice as a nurse in the future. Students learn to provide individualized care that recognizes patient's preferences, values, and needs, and respects the patient or designee as a full partner in providing compassionate, coordinated, appropriate, safe, and effective care. Falls. (DICO)

Corequisite(s): NR 3052, NR 3095, NR 3150, NR 3700

NR 3035 Nursing Care of Children (2)

Provides knowledge for nursing care of children in a variety of settings with a philosophy that respects children as individuals and views them as part of families and communities. Focuses on wellness, the experiences of children throughout their development from infancy through adolescence, and the unique needs of children's adaptations to illness. Explores the nurse-client relationship to prioritize nursing interventions for optimal child and family health. Springs.

Corequisite(s): NR 3135, NR 3077, NR 3550, NR 3070, NR 4020.

NR 3052 Clinical Applications of Patient-Centered Care (4)

Introduces clinical skills as a foundation of nursing practice. Focuses on clinical and technical skills basic to the practice of nursing across the lifespan. Introduces students to the holistic care of clients, beginning clinical decision-making, and foundational therapeutic nursing interventions requiring the use of various medical technologies. Correct use of technology is required to provide safe and effective care. Includes nursing process, documentation utilizing a computerized medical record, therapeutic communication skills, aseptic technique, and medication administration as well as other fundamental nursing and technical skills. Pass/No Pass. Falls.

Corequisite(s): NR 3020, NR 3095, NR 3150, NR 3700

NR 3070 Health and Wellness of Older Adults (3)

Focuses on the needs of older adults with consideration given to developmental factors and cultural variables employed in patient choices for wellness, treatment or palliative care. Incorporates wellness initiatives, prioritizing care needs, family and patient teaching, and planning for end-of-life care. Springs. (WECO)

Corequisite(s): NR 3035, NR 3135, NR 3077, NR 4020, NR 3550

NR 3077 Clinical Applications of Community Based Care (1)

Students apply nursing knowledge and skills in a variety of community health settings, and function as a member of a community care team to promote positive client outcomes. To enhance clinical experiences, students participate in partnerships with regional agencies in an effort to achieve transdisciplinary care. Focuses on population-based health promotion and disease prevention for clients of various ages. Pass/No Pass. Springs.

Corequisite(s): NR 3035, NR 3135, NR 4020, NR 3070, NR 3550.

NR 3095 Evidence-Based Practice in Psychiatric Mental Health Nursing (2)

Develops the knowledge necessary to explain the theoretical frameworks for understanding and addressing mental health, mental health disorders, and alterations in psychological functioning. Falls.

Corequisite(s): NR 3020, NR 3052, NR 3150.

NR 3135 Clinical Applications of Pediatric Wellness and Illness (1)

Provides an opportunity to apply knowledge of nursing care of children in a variety of settings with a philosophy that respects children as individuals and views them as part of families and communities. The nurse-client relationship will be explored to assess children and prioritize nursing interventions for optimal child and family health promotion, disease prevention, and illness recovery. Pass/No Pass. Springs.

Corequisite(s): NR 3035, NR 3077, NR 4020, NR 3070, NR 3550.

NR 3150 Pharmacology (4)

Focuses on the principles of disease management and treatment using pharmacological therapy. Studies principles of pharmacodynamics and pharmacokinetics. Students gain an understanding of medications from a therapeutic and pharmacologic drug class perspective, using drug prototypes as models for drug class concepts. Addresses associated clinical assessment, evaluation, and decision-making skills. Falls.

Corequisite(s): NR 3020, NR 3052, NR 3095, NR 3700

NR 3550 Clinical Application of Health and Wellness for the Older Adult and Chronic Illnesses (2)

In this clinical course, students provide restorative care for older adults in an acute care setting and develop skills in the management of care for older adults and their families. Topics include pathophysiology of disease, therapeutic nursing interventions with acute manifestations of diseases in major organ systems (cardiac, pulmonary, endocrine, gastrointestinal, neuro, and musculoskeletal), fluid/electrolyte balances, health promotion, and prevention. Pass/No Pass. Springs.

Corequisite(s): NR 3070, NR 4020, NR 3077, NR 3135, NR 3035.

NR 3700 Clinical Evidence-Based Practice in Psychiatric Mental Health Nursing (1)

Provides clinical experience in applying evidence and skills to care for clients with emotional, developmental, behavioral, and psychiatric needs. Clinical practice promotes critical thinking and disciplined decision-making, facilitating positive patient care outcomes. Focus is on patient safety through therapeutic communication and collaboration. Pass/No Pass. Falls.

Corequisite(s): NR 3020, NR 3052, NR 3150, NR 3095

NR 4000 Evidence-Based Practice in Medical Surgical Nursing (4)

Develops the knowledge necessary to identify, apply, and evaluate the best current evidence to develop clinical expertise, as well as consider adults' and families' preferences, experience, and values to make practice decisions. Falls.

Corequisite(s): NR 4100, NR 4015, NR 4150, NR 4310.

NR 4015 Maternal and Newborn Care (2)

Provides a knowledge base necessary for nursing care of childbearing women and newborns. A holistic perspective of health serves as the foundation for guiding student development of clinical reasoning and interventions to meet the needs of women, newborns, and families throughout the childbearing cycle. The nurse-client relationship is the focus of a caring approach that embraces the emotional, spiritual, and physical needs of clients. Falls.

Corequisite(s): NR 4310, NR 4000, NR 4100, NR 4150

NR 4020 Global Health and Population-Based Health Care (3)

Prepares the nurse for the practice of population-based care with patients of diverse backgrounds. Examines the historic, contemporary, and futuristic perspectives of the development of community and public health nursing as well as its principles and theories building on the social sciences and epidemiology (population-based factors associated with health and illness). Springs. (GACO)

Corequisite(s): NR 3035, NR 3135, NR 3077, NR 3070, NR 3550

NR 4060 Research Process and Evidence-Based Practice (3)

Explores the principles and methods of research and emphasizes the application of research in nursing as a product and process. Prepares students to critically read research articles and relate the value of that research to nursing practice and client outcomes. Students develop a research problem and conduct a literature review. Emphasizes the importance of utilizing research and communicating research problems and results in a research team and to utilize nursing research in their practice. Springs. (QRCO) (WRCO)

Corequisite(s): NR 4500, NR 4360, NR 4082.

NR 4082 Leadership and Quality Improvement in Clinical Settings (6)

This clinical capstone course provides experience as a nursing leader to direct the provision of quality healthcare by interdisciplinary teams. These clinical experiences promote decision-making skills, managerial skills within healthcare organizations, implementation of quality control methods, and the application of research in nursing practice. Integration and application of knowledge from multiple disciplines (e.g., biology, psychology, sociology, technology) are required for effective patient care. Focuses on transition to the professional nursing role, recognizing the organizational, social, political, economic, ethical, and legal context in which interdisciplinary healthcare is delivered in acute and/or community clinical settings. Contracts are completed with preceptors as mentors. Additional course fee required. Pass/No Pass. Springs.

Corequisite(s): NR 4500, NR 4060, NR 4360

NR 4083 Clinical Applications of Leadership (3)

The clinical capstone course provides experience as a nursing leader to direct the provision of quality healthcare by interdisciplinary teams. Clinical experiences promote decision-making skills, managerial skills within healthcare organizations, implementation of quality control methods, and the application of research in nursing practice. Application of knowledge from multiple disciplines (e.g., biology, psychology, sociology, technology) is required for effective patient care. Pass/No Pass. Springs and Falls.

Prerequisite(s): NR 2750 and NR 3150

NR 4100 Clinical Evidence-Based Practice in Medical Surgical Nursing (3)

In this clinical course, the students provide and manage supportive care for adults with complex needs and their families in an inpatient setting. Topics include pathophysiology and complications of chronic disease, therapeutic nursing interventions, interpretation of cardiac arrhythmias, acid-base imbalances, perioperative care, palliative care, pain management, hospice, and discharge planning. Pass/No Pass. Falls.

Corequisite(s): NR 4000, NR 4015, NR 4150, NR 4310.

NR 4111 The Language and Culture of Health Care (2)

This course is designed to introduce the student to the language and basic infrastructure of the health care system. Students will learn common medical terminology to foster understanding and enrich conversations with health care professionals. The student will also come to know the health care hierarchy, including the individual roles of the health care team. The course will also address basic health care ethics, aseptic techniques and patient privacy laws.

Prerequisite(s): Falls.

NR 4150 Clinical Application Maternal Newborn Care (1)

Students apply nursing knowledge and skills for care of child-bearing women and newborns, and function as a member of a healthcare team to ensure positive outcomes in a variety of clinical sites. Care focuses on application of the nursing process antepartum, intra-partum, and postpartum clients. Pass/No Pass. Falls.

Corequisite(s): NR 4000, NR 4015, NR 4100, NR 4310.

NR 4310 NCLEX-RN Success 1 (1)

This course is part one of a two-part series that focuses on review of the most current nursing content covered in the NCLEX-RN Detailed Test Plan. Students self-assess test preparation strengths and weaknesses, explore test-taking strategies, and review topic content designed to achieve success on the licensing exam. Falls.

Corequisite(s): NR 4000, NR 4100, NR 4015, NR 4150.

NR 4360 NCLEX-RN Success II (2)

This is a continuation course of NCLEX-RN Success I and will focus on review of the most current nursing content covered in the NCLEX-RN Detailed Test Plan. Students continue to self-assess test preparation strengths and weaknesses; review topic content designed to achieve success on the licensing exam. The focus is on transitioning from nursing education to practice. Springs.

Corequisite(s): NR 4500, NR 4082, NR 4060

NR 4500 Nursing Leadership for Acute Care Nursing (3)

Explores the role of the nurse as leader in providing care for patients with complex health care needs. Focuses on the critical analysis of patient care needs in assessing, implementing, and evaluating nursing care of patients with acute or complex alterations in well-being. Springs. (INCO)

Prerequisite(s): N/A

Corequisite(s): NR 4060, NR 4360, NR 4082

NR 4600 Leadership, Collaboration & Quality Health Care Systems (3)

Promotes integration of patient-centered care and evidence-based practice preparing students to function effectively within nursing interdisciplinary teams. Emphasizes fostering optimal team functioning. Discusses principles of nursing leadership in relation to patient information management, patient safety, quality and systems-based practice. Students gain an understanding of principles to enhance the overall quality of nursing practice and administration. Springs. (TECO)