Course Prefix and Number: NUR 109  
Credits: 6

Course Title: Nursing Principles and Concepts II

Course Description: Focuses on nursing care of individuals and/or families experiencing alterations in health. Includes math computational skills and basic computer instruction related to the delivery of nursing care and immunological, gastrointestinal, musculoskeletal, oncological, and diabetic disorders, and pre- and post-operative care in adult and pediatric clients. The student is introduced to the nursing management of the chronically ill adult client with healthcare needs in the areas of oxygenation, perfusion, metabolism, mobility, immunity, and end-of-life care. Provides supervised learning experiences in college nursing laboratories and/or cooperating agencies. Prerequisites: NUR 111/115, NUR 108, NUR 245, NUR 226, ENG 111, MTH 126, BIO 141, BIO 142, SDV 100, PSY 230. Prerequisites or Co-requisites: ITE 115, SOC 200. Co-requisite: NUR 247. Lecture 3 hours. Laboratory 9 hours. Total 12 hours per week.

General Course Purpose: Nursing 109 is the second medical-surgical nursing course and builds on the foundational concepts introduced in Nursing 111/115, 226, and 108.

Course Prerequisites and Co-requisites:
Prerequisites: NUR 111/115, NUR 108, NUR 245, NUR 226, ENG 111, MTH 126, BIO 141, BIO 142, SDV 100, PSY 230
Co-Requisite: NUR 247
Prerequisites or Co-requisites: ITE 115, SOC 200

Course Objectives:
Upon completing the course, the student will be able to
a. Practice within the legal, ethical, and regulatory boundaries of professional nursing, assuming accountability for the quality of nursing care provided to adults with chronic illnesses and their families;
b. Demonstrate commitment to excellence by maintaining professional integrity and competency through reflection, self-assessment, self-care, and lifelong learning as a professional nurse to clients with chronic illness;
c. Deliver holistic, client-centered nursing care to promote and maintain health based on principles of a therapeutic relationship and therapeutic communication with chronically ill clients and their families;
d. Minimize risk of harm to clients with chronic illness and others through individual performance, inquiry, system effectiveness, and reduction of risks, including knowledge of modes of action, indications for use, nursing responsibilities, and client education of identified pharmacology;
e. Apply the nursing process to provide client-centered care to meet the chronic healthcare needs of diverse groups of individuals and their families;
f. Implement sound clinical decision-making based on knowledge and social sciences, critical thinking, developmental theories, and evidence-based practice to achieve positive client outcomes for the clients with chronic illness and their families;
g. Design client, family, and community education based on principles of teaching and learning by empowering clients and families to achieve positive outcomes in the management of chronic illness;
h. Collaborate with members of the interdisciplinary healthcare team to promote continuity of care and improve client outcomes for clients with chronic illness and their families;
i. Apply leadership and management principles to provide cost-effective care and promote quality improvement; and
j. Synthesize the use of information and technology to communicate, manage knowledge, and support decision-making in management of care of chronically ill clients and their families.

**Major Topics to Be Included:**

a. Nursing role and responsibility in caring for chronically ill clients
b. Common health problems of older adults
c. Conditions affecting oxygenation: COPD as emphysema or bronchitis, asthma
d. Conditions affecting perfusion: arteriosclerosis, atherosclerosis, hypertension, peripheral arterial disease, peripheral venous disease, deep vein thrombus, pulmonary embolism, angina, heart failure
e. Conditions affecting infection/immunity: tuberculosis, HIV, AIDS, rheumatoid arthritis, lupus, peptic ulcer disease, and inflammatory bowel disease
f. Conditions affecting metabolism: diabetes, hypo/hyperthyroidism, Addison Disease, Cushing Syndrome, hypo/hyperpituitarism
g. Conditions affecting mobility, sensory, and cognition: fibromyalgia, osteoarthritis, gout, Parkinson’s Disease, multiple sclerosis, macular degeneration, glaucoma, delirium, dementia, Alzheimer Disease
h. Caring for the client with cancer

**Effective Date of Course Content Summary:** Fall 2015