

WESTERN CONNECTICUT STATE UNIVERSITY
Department of Nursing

Course Number:	NUR 580
Course Title:	Advanced Practice Nursing Management of the Acutely Ill Adult-Gerontology Populations
Credits:	2 S.H
Placement:	ROLE REQUIREMENT
Pre-requisites:	NUR 501, 504, 511, 515; NUR 570; NUR 575 and Approved thesis proposal on file

Course Description:

Introduction to and the development of nursing expertise in diagnosis, treatment, prevention of complications and promotion of health in adults with acute illnesses.

Student Learning Outcomes: By the end of the semester, the student will demonstrate progression from advanced beginner to competent practitioner in the care of acutely ill adults in:

1. Knowledge of the natural history of acute disease processes, their pathophysiology and symptomatology, and human responses to the illness and its treatment.
2. Analysis of symptomatology, laboratory data, and other measures of function in light of actual and/or potential pathophysiological processes to formulate diagnostic hypotheses and intervention strategies with the acutely ill adult.
3. Incorporation of strategies of risk analysis and reduction, screening, lifestyle change, and disease detection and prevention into all aspects of advanced nursing practice.
4. Analysis and interpretation of patterns of aging, developmental stages, life transitions, and behavior as they apply to clinical practice with adults.
5. Analysis of the interaction of individual, illness, and family dynamics as they affect the health status of acutely ill adults through frail elderly.
6. Application of principles of pharmacology, including pharmacokinetics and pharmacodynamics, to the management of the acutely ill adult.
7. Evaluation and integration of research into practice with acutely ill adults in order to maintain quality and competency of practice.

8. Critically examines history and physical assessment for genetic, environmental and genomic influences and risk factors.
9. Develops a plan of care that incorporates genetic and genomic assessment information.

Content Outline:

- I. the direct care role with acutely ill adults:
 - A. Nurse Practitioner students:
Principles of Primary Care
 - i. Tasks of primary care
 - ii. Health maintenance and the role of screening
 - iii. Immunizations
 - B. Clinical Nurse Specialist students:
Diagnosing illness and risk behaviors
 - i. Application of the nursing process in the CNS role
- II. Evaluation and management of: Cardiovascular Problems
 - A. Hypertension
 - B. Chest pain
 - C. Arterial/venous insufficiency
 - D. Congestive heart failure
 - E. Lipid disorders
 - F. Other
- III. Evaluation and management of: Respiratory Problems
 - A. Asthma
 - B. The common cold, bronchitis, and pneumonia
 - C. Dyspnea, cough, and hemoptysis
- IV. Evaluation and management of: Gastrointestinal Problems
 - A. Abdominal pain
 - B. Diarrhea/constipation
 - C. Nausea/vomiting
- V. Evaluation and management of: Hematological Problems

- A. Anemias
- VI. Evaluation and management of: Endocrinologic Problems
 - A. Diabetes mellitus
 - B. Hyper/hypothyroidism
- VII. Evaluation and management of: Gynecological Problems
 - A. Reproductive cancers
 - B. Abnormal vaginal bleeding
 - C. Vulvular pruritus/discharge
- VIII. Evaluation and management of: Genitourinary Problems
 - A. Sexually transmitted diseases
 - B. Urinary tract infections
 - C. Prostate problems, scrotal pain, masses, and swelling
- IX. Evaluation and management of: Musculoskeletal Problems
 - A. Common musculoskeletal complaints (back, sports injuries, etc.)
 - B. Gout
 - C. Lyme's disease
- X. Evaluation and management of: Neurological Problems
 - A. Headaches
 - B. Bell's palsy
 - C. Transient ischemic attacks
 - D. Seizures
- XI. Evaluation and management of: Dermatologic Problems
 - A. Urticaria
 - B. Dermatitis
 - C. Bacterial and fungal infections
 - D. Burns and bites
- XII. Evaluation and management of: Ophthalmologic Problems
 - A. "Red eye"

- B. Eye pain
- C. Eyelid disorders

XIII. Evaluation and management of: ENT Problems

- A. Epistaxis
- B. Patient with
 - 1. Otitis
 - 2. Sinusitis
 - 3. Pharyngitis
 - 4. Stomatitis

XIV. Evaluation and management of: Psychiatric and Behavioral Problems

- A. Anxiety
- B. Substance abuse
- C. Depression

XV. Evaluates, assesses and diagnoses common acute disease based on genetic and genomic risk factors

- A. Indicators of disease susceptibility or a genetic condition
- B. Family history
- C. Selected Genetic tests available

XVI. Develops an interprofessional plan of care to address common acute genetic and genomic health care issues

- A. Identifies ethical, cultural, religious, fiscal, societal and legal issues related to genomic information, treatment and technologies.
- B. Selected targeted treatments available
- C. Identifies Reliable sources of information
- D. Advocates for clients

Approved: Jan 2006 Graduate Council

Programs Committee 2/20/13

Nursing Department Feb 2013

AVP April 2013