

COURSE SYLLABUS
Southeast Missouri State University

Department of Nursing

Course No. NS 283

Title of Course: Professional Practice:- Medical Surgical Nursing I

Revision

New X

I. Catalog Description and Credit Hours of Course:

Introduction to role of Medical Surgical nurse. Application of critical thinking to care of young, middle-aged and older adults. First semester of two semester sequence. (6) (Three hours theory, 3 hours clinical)

II. Prerequisite (s):

Second semester sophomore standing in Nursing major.

III. Objectives of the Course:

- A. Use the Nursing Process to make caring decisions, with critical thinking and scientific rationales in the care of adults who are experiencing alterations in health.
- B. Begin to prioritize nursing diagnoses and interventions with the application of theoretical content in clinical situations.
- C. Utilize knowledge and concepts from the sciences and humanities to provide nursing care to optimize individual client's level of health.
- D. Follow professional guidelines and standards of practice to provide safe and clinically competent care to clients in the clinical setting.
- E. Explore the roles of the BSN prepared nurse, focusing on care provider, communicator, and beginning collaborator and client educator.
- F. Recognize how persons form unique responses to illness, based on internal and external environments, to incorporate interrelationships into nursing care.
- G. Explore basic concepts of a rural community continuum of care, recognizing the interlapping roles of interdisciplinary teams, community resource agencies, and family support systems.
- H. Employ knowledgeable caring, performing nursing skills safely and professional communication effectively.
- I. Demonstrate both self-directed activities and personal accountability to meet own learning and professional development needs.

IV. Expectations of Students:

- A. Attendance at class and clinical.
- B. Completion of assignments and exams as scheduled.

C. Fulfillment of requirements identified in the *BSN Student Handbook*.

V. Course Content:

- A. Medical - Surgical Nursing Role (6 hours)
 - 1. Prioritization of Care; Maslow's Hierarchy, ABC's of
 - 2. Staff RN Role in an Acute Care Facility
 - 3. Teaching - Learning Concepts
 - 4. Head to Toe and Shift Assessments
 - 5. Computerized Documentation as Professional Communication

- B. Concepts in Caring for the Ill Middle and Older-Aged Adult (6 hours)
 - 1. Nutritional Care
 - 2. Nursing Interventions to Prevent Hazards of Immobility
 - 3. Special Considerations for the Vulnerable:
 - a. Frail Elderly
 - b. Non-Insured
 - c. Rural Isolated
 - 4. Introduction to Discharge Planning
 - a. Interdisciplinary Teams in Acute Care
 - b. Community Referrals

- C. The Nurse's Role in Caring for the Perioperative Client (3 hours)
 - 1. Principles of Medical and Surgical Asepsis Revisited
 - 2. Pre-operative, Intraoperative, and Post-operative Nursing Roles
 - 3. Preparing the Client for Surgery
 - 4. The Stress Response in the OR Client
 - 5. Immediate Post-operative Assessments and Care
 - 6. Planning for Discharge / Rehabilitation

- D. Fluids and Electrolytes Therapy (3 hours)
 - 1. IV Therapy Concepts: Role, Safety, Fluid Replacement Therapy
 - 2. IV Therapy Lab Practice and Checkoffs
 - 3. Fluid and Electrolyte Composition and Shifts
 - 5. Review of Major Electrolytes and Effects on Organ Systems
 - 4. Fluid Volume Deficits and Excess, Diagnosis and Interventions

- E. Assessments / Clinical Interventions in Mobility R/T the Musculo-Skeletal System (3 hours)
 - 1. Fractures, including casts and immobilization therapy
 - 2. Amputations
 - 3. Osteomyelitis
 - 4. Venous Insufficiencies : Thrombophlebitis
 - 5. CVA's

- F. Assessments / Clinical Interventions in Oxygenation R/T the Respiratory System (3 hours)
 - 1. ABC's of Respiratory Assessments
 - 2. Oxygen Therapy and Oximetry Monitoring
 - 3. Role in Prevention of Atelectasis and Pneumonia, and Pulmonary Emboli
 - 4. Special Considerations for Chronic Oxygen Insufficiency Clients

- G. Assessments / Clinical Interventions in the Protective Defenses R/T the Immune System (3 hours)

1. Altered Immune Responses and Effect on Nursing Care
2. Cancers - Lung

H. Assessments / Clinical Interventions in Urinary Elimination R/T the Urinary System (3 hours)

1. Kidney Stones
2. Prostate; Benign Prostatic Hypertrophy and CA
3. Cystitis and Pyelonephritis
4. Bladder CA and Urinary Diversions
5. Nursing Diagnoses of Incontinence (Stress, Functional , Urge, Reflex)

I. Assessments / Clinical Interventions in Nutrition and Elimination R/T the Gastrointestinal System (4 hours)

1. Parental and Tube Nutrition
2. Chronic Intestinal Disorders; Crohn's and Ulcerative Colitis
3. Hernias
4. Acute Pancreatitis and Hepatitis
5. Diverticulitis
6. Chronic Disorders; Liver Cirrhosis
7. Cancers; Liver and Colon
8. Nursing Diagnoses of Incontinence, Diarrhea, and Constipation

J. Assessments / Clinical Interventions In Metabolism R/T the Endocrine System (3 hours)

1. Introduction to Diabetes Mellitus
2. Diagnosis and Blood Glucose Monitoring
3. Pharmacologic Therapies
4. Assessments, Care , and Teaching

K. Assessments / Clinical Interventions in Protection R/T the Integumentary System (3 hours)

1. Minor Irritations
2. Impaired Tissue Integrity; Ulcers, Decubiti
3. Burns
4. Malignant Melanoma

L. Assessments / Clinical Interventions in Sensory Protection R/T the Neurological System (4 hours)

1. Cataract
2. Glaucoma
3. Retinopathy
4. Otosclerosis
5. Meniere's Disease
6. Nursing Considerations in Sensory Deprivation and Sensory Overload

Four hours allotted for examinations; remaining hours for clinical application.

VI. Textbook(s) and/or Other Required Materials or Equipment:

A. Ignatavicius, D., Workman, L., and Mishler, M (1999). Medical-Surgical Nursing Across the Health Care Continuum, third ed.. Philadelphia: W. B. Saunders Co..

B. Kennedy, E., Ignatavicius, D. (1999). Critical Thinking Study Guide. Philadelphia: W. B. Saunders Co.

C. Additional texts that the student is required to have purchased include a :

Drug Administration Manual

Diagnostics / Laboratory Manual
Nursing Process Manual

VII. Basis for Student Evaluation:

A. Four Unit Exams	60%
B. Comprehensive Final Exam	15
C. Group Project and Paper	<u>25</u>
TOTAL	100%
D. Clinical Performance	Pass-Fail