

San Bernardino Valley College

Course Outline for NURS 200  
MEDICAL-SURGICAL NURSING III

I. CATALOG DESCRIPTION

NURS 200, Medical-Surgical Nursing III

3.25 hours lecture, 6.75 hours laboratory = 5.5 units

Third level medical-surgical nursing focusing on the physiological, psychological, sociocultural, and developmental variables as they relate to selected alterations in urinary elimination, circulation, metabolism, immunological, and hematological subsystems. Application of the nursing process to assist clients attain or maintain their optimum level of wellness.

SCHEDULE DESCRIPTION

Third level medical-surgical nursing focusing on alterations in urinary elimination, circulation, metabolism, immunological, and hematological subsystems.

PREREQUISITES: NURS 108 and NURS 110 and NURS 112, all with a grade of C or better

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: One

III. EXPECTED OUTCOMES FOR STUDENTS

Upon completion of the course, the student should be able to:

- A. Discuss and apply theoretical concepts related to the physiological, psychological, sociocultural, and developmental variables for clients with selected alterations in urinary elimination, circulation, metabolism, immunological, and hematological subsystems.
- B. Independently or with minimal guidance, use the nursing process to assist clients with level III medical-surgical alterations attain or maintain an optimum level of wellness.
- C. Thoroughly assess the physiological, psychological, sociocultural, and developmental variables using all available resources. Collect, organize, and document the database; differentiate between normal and abnormal assessment findings; formulate prioritized nursing diagnoses; set goals in collaboration with the client; plan and implement primary/secondary/tertiary nursing interventions; and evaluate client outcomes.
- D. Use therapeutic communication techniques with clients. Effectively communicate with health care team members, using appropriate lines of authority.
- E. Develop and implement teaching plans based on clients' individual needs reflecting nursing concepts in urinary elimination, circulation, metabolic, immunological, and hematological subsystems.
- F. Perform first level, second level, maternity, and third level nursing skills/procedures adhering to the underlying principles of client safety, organization, and asepsis.

IV. CONTENT

- A. Nursing care of clients with urinary elimination alterations
  - 1. Benign Prostatic Hypertrophy
  - 2. Inflammatory disorders of urinary elimination
  - 3. Renal failure
  - 4. Urinary diversions
  - 5. Urolithiasis
- B. Nursing care of clients with circulation alterations

1. Advanced cardiovascular assessment
  2. Cardiac conduction disturbances, pacemaker therapy
  3. Hypertension
  4. Coronary artery disease/open heart surgery
  5. Heart failure/pulmonary edema
  6. Endocarditis/valvular disease
  7. Arterial/venous vascular disease
  8. Pulmonary emboli
  9. Cardiomyopathy
  10. Cardiac rehabilitation
  - C. Nursing care of clients with metabolic alterations
    1. Pituitary diseases
    2. Thyroid/Parathyroid diseases
    3. Adrenal diseases
  - D. Nursing care of clients with Acquired Immunodeficiency Syndrome
    1. Pathophysiology/diagnosis
    2. Complications
    3. Treatments
  - E. Nursing care of clients with hematology alterations
    1. Pernicious anemia
    2. Blood transfusion
  - F. Total Parenteral Nutrition
    1. Calculation of constituents
    2. Administration techniques
    3. Potential complications and management
  - G. Nursing skills/procedures
    1. 3 way foley catheter irrigation
    2. Blood administration
    3. Chest tube set-up
    4. CVC dressing change
    5. IV Push
    6. TPN bag and tubing change
- V. METHODS OF INSTRUCTION
- A. Lecture
  - B. Demonstration/return demonstration
  - C. Discussion
  - D. Readings, handouts
  - E. Media, computer programs
  - F. Written Assignments
  - G. Case analysis
  - H. Student-teacher conferences
  - I. Supervised laboratory practice
- VI. TYPICAL ASSIGNMENTS
- A. Written Gerontological Nursing Care Plan on elderly adult client with third level alteration(s)
  - B. Mini Nursing Care Plan
  - C. Preparation for and Nursing care of assigned clients in the hospital laboratory
  - D. Return demonstration of essential elements for third level medical-surgical nursing skills/procedures

## VII. EVALUATION

## A. Methods of evaluation

1. Examinations: objective  
Typical examination question:

48 hours after Subtotal Thyroidectomy surgery, the patient complains of numbness and tingling sensation of the toes and fingers. The nurse should:

- a. Check the client's serum calcium level and notify the physician
  - b. Administer a PRN dose of Dilantin
  - c. Assist the client to do range of motion exercises
  - d. Check the client's serum Potassium level and notify the physician
2. Graded written Nursing Care Plans according to criteria
  3. Nursing skills/procedure performance (all critical elements)
  4. Laboratory performance (third level hospital laboratory criteria)

## B. Frequency of evaluation

1. 4 examinations and 1 final
2. Weekly mini Nursing Care Plan and 1 Gerontological Care Plan
3. Nursing skills/procedures prior to performance in the hospital laboratory
4. Performance evaluation in hospital laboratory at mid-term and final

## VIII. TYPICAL TEXT(S)

Copstead, L., Perspectives on Pathophysiology, Philadelphia: W.B. Saunders Co., 1995.

Deglin, J. and A. Vallerand, Davis' Drug Guide for Nurses, 5<sup>th</sup> ed., Philadelphia: F. A. Davis Co, 1997.

Dudek, S.G., Nutrition Handbook for Nursing Practice, 3<sup>rd</sup> ed., Philadelphia: Lippincott, 1997.

Ignatavicius, D, et. al., Medical-Surgical Nursing Across the Health Care Continuum, 3<sup>rd</sup> ed., Philadelphia: W. B. Saunders Co., 1999.

Larocca, J., and S. Otto, Intravenous Therapy, 3<sup>rd</sup> ed., St. Louis: Mosby Year Book Inc., 1997.

## IX. OTHER SUPPLIES REQUIRED OF STUDENTS: uniform, stethoscope, bandage scissors