

**NUR 120
NURSING II**

COURSE DESCRIPTION:

Prerequisites: NUR 110, BIO 275

Corequisites: NUR 186, and PSY 281

This course provides an expanded knowledge base for delivering nursing care to individuals of various ages. Emphasis is on developing the nurse's role as provider of care, manager of care, and member of the discipline of nursing. Upon completion, students should be able to participate in the delivery of nursing care for individuals with common alterations in health. Theoretical foci emphasize utilizing the nursing process to provide nursing care for clients with selected medical/surgical disorders. Course Hours Per Week: Class, 5. Lab, 3. Clinical, 6. Semester Hours Credit, 8.

Placement in the curriculum: Second Semester

LEARNING OUTCOMES:

I. Provider of Care

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

- A. Use the nursing process as a basis for solving nursing problems, specifically:
 - 1. Utilize the client, family, health care team and printed and/ or electronic records to obtain subjective and objective assessment data to include physiological, psychological, spiritual, cultural and educational needs.
 - 2. Identify cultural practices specific to the client and family.
 - 3. Differentiate normal from abnormal components of the client's health state.
 - 4. Identify a problem list for adults and children.
 - 5. Prioritize appropriate nursing diagnoses for adults and children based on the problem list.
 - 6. Collaborate with the client, family, significant others and members of the health care team to establish realistic and measurable client centered outcomes.
 - 7. Identify appropriate nursing interventions.
 - 8. Utilize specific theories of development for planning age-appropriate care for clients.
 - 9. Implement a plan of care for one client involving the client in decision making and care management.
 - 10. Evaluate client care by utilizing identified outcomes.
 - 11. Explore reasons for unmet client outcomes.
 - 12. Revise plan of care and priorities as appropriate.
 - 13. Determine if nursing diagnoses are resolved or still active.
- B. Assess the client's reaction to health-illness in relation to developmental level and ability to meet needs, specifically:
 - 1. Identify client's developmental stage.
 - 2. Identify client's coping strategies.
 - 3. Identify effects of client's health-illness status on the developmental stages of the life cycle for specific clients.
- C. Perform nursing measures by employing evidence-based nursing research as well as principles and concepts from selected arts and sciences, specifically:
 - 1. Utilize principles of safety in caring for adults and children.
 - 2. Incorporate universal precautions in nursing care.

3. Compare and contrast the normal anatomical and physiological processes with the abnormal for selected medical/surgical disorders.
 4. Describe signs, symptoms, treatments and nursing responsibilities for clients having selected medical/surgical disorders.
 5. Employ appropriate adult and child assessment techniques.
 6. Perform selected nursing measures utilizing evidence-based standards of practice.
 7. Identify nutritional needs and diet modifications for selected clients.
 8. Confirm, administer and monitor pharmaceutical regimen to clients including classification, route, side effects, intended action, dosage and nursing considerations.
 9. Monitor client's response to treatments and progress toward meeting outcomes.
- D. Demonstrate caring behaviors, specifically:
1. Provide the client with comfort, privacy, safety and clean surroundings.
 2. Communicate respect and empathy when caring for the client.
 3. Provide the client with choices about nursing care.
 4. Establish a trusting relationship with the client.
 5. Establish a helping relationship with the client.
 6. Demonstrate use of therapeutic verbal and non-verbal communication with the client.
 7. Identify barriers to effective nurse-client communication.
 8. Demonstrate effective communication techniques, acknowledging appropriate developmental levels.
 9. Modify communication techniques to meet the client's cultural, spiritual, and psychosocial needs.
- E. Utilize teaching and learning principles to support and promote healthy lifestyles, specifically:
1. Identify learning needs of selected adults and children with specific conditions.
 2. Discuss the principles of teaching/learning theory as they relate to adults and children with specific conditions.
 3. Utilize current literature to develop, implement and evaluate a teaching plan appropriate for the client-learner.
 4. Utilize specific theories in providing age-appropriate teaching for adults and children.

II. Manager of Care

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

- A. Provide appropriate, quality nursing care, specifically:
1. Identify and utilize evidence-based standards in performing nursing measures.
 2. Complete assigned care within the designated time period.
 3. Demonstrate accountability for the delivery of nursing care.
 4. Utilize good customer relations.
 5. Describe the purpose and process of quality improvement activities
- B. Coordinate the delivery of nursing care, specifically:
1. Provide organized care for one client.
 2. Ask for assistance from appropriate individuals when needed.
 3. Assist peers and staff as needed.
 4. Compare and contrast the scope of practice of the RN, LPN, and nursing assistant.
 5. Discuss the duties of the RN as supervisor in a health care setting.
 6. Describe the roles of other disciplines within the health care team in client care.
- C. Identify nursing strategies to provide cost-effective care, specifically:
1. Discuss cost saving measures.
 2. Identify ways to prevent waste and minimize cost in the clinical area.

III. Member of the Profession

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

- A. Practice within the professional, ethical and legal framework of nurses, specifically:
 - 1. Describe the role of the ADN student in delivery of nursing care in the clinical setting.
 - 2. Refer to and follow the clinical agency's published policy and procedure guidelines and standards of care.
 - 3. Practice within the parameters of the Nursing Practice Act.
 - 4. Maintain client and workplace confidentiality.
 - 5. Adhere to the AHA Patient Bill of Rights.
 - 6. Demonstrate nursing behaviors consistent with a positive role model.
 - 7. Discuss ethical and legal dilemmas related to client care.
- B. Follow appropriate protocol for communicating nursing functions, specifically:
 - 1. Utilize appropriate verbal and non-verbal communication which conveys a caring attitude toward staff and colleagues.
 - 2. Report errors or omissions promptly.
 - 3. Utilize information technology to support and communicate the planning and provision of care.
 - 4. Document and report to the health care team and instructor significant data in a timely manner.
- C. Assume responsibility for self-development and continued learning, specifically:
 - 1. Identify personal strengths and limitations.
 - 2. Identify personal learning issues and ways to address them.
 - 3. Demonstrate progress in meeting personal goals and learning issues.
 - 4. Identify methods of collecting evidence-based information and resources for personal development and continuing learning.

OUTLINE OF INSTRUCTION

Module I: Nursing Care of the Perioperative Client

- A. Nursing management of the preoperative client
 - 1. Surgical classifications
 - 2. Informed consent
 - 3. Nursing process: Preparing the client for surgery
 - 4. Psychosocial nursing assessment and interventions
 - 5. General physical assessment
 - 6. Preoperative patient education
 - 7. Preoperative nursing interventions
 - 8. Immediate preoperative nursing interventions
- B. Intraoperative nursing management
 - 1. The surgical team
 - 2. The surgical environment
 - 3. The surgical experience
 - 4. Potential intraoperative complications
 - 5. Nursing care during surgery
- C. Postoperative nursing management
 - 1. The postanesthesia care unit
 - 2. The hospitalized postoperative client
 - 3. Nursing care after surgery

Module II: Nursing Care of the Client with Alteration in Comfort

- A. Types and effects of pain
- B. Neurophysiologic mechanisms of pain

- C. The nurse's role in pain management
 - 1. Pain management strategies
 - 2. Nursing assessment of pain
 - 3. The nurse's role in the pain management team
 - 4. Evaluating client outcomes

Module III: Nursing Management of Clients with Alterations in Fluids and Electrolytes

- A. Fundamental concepts
- B. Common alterations in fluid and electrolyte balance
- C. Nursing management of clients with fluid and electrolyte disturbances
- D. Nursing management of the client with electrolyte disturbances
- E. Nursing management of the clients with acid-base disturbances

Module IV: Nursing Care of the Client with Disorders of the Eyes and Ears

- A. Nursing care of client with impaired vision resulting from:
 - 1. Glaucoma
 - 2. Cataracts
 - 3. Corneal Impairments
 - 4. Retinal Detachment
 - 5. Ocular Trauma
- B. Medications used in eye disorders
- C. Management of ear disorders, including:
 - 1. Hearing Loss
 - 2. Otitis Media
 - 3. Vertigo

Module V: Nursing Management of the Client with Vascular Disorders and Problems of Peripheral Circulation

- A. Assessment of the peripheral vascular system
 - 1. Promotion of optimal circulation
 - 2. Specific assessment techniques
- B. Nursing management of arterial disorders, including:
 - 1. Arteriosclerosis
 - 2. Atherosclerosis
 - 3. Peripheral arterial insufficiency of the extremities
 - 4. Other arterial disorders
- C. Management of venous disorders
 - 1. Deep vein thrombosis
 - 2. Thrombophlebitis
 - 3. Chronic venous insufficiency
 - 4. Leg ulcers
- D. Management of lymphatic disorders, including:
 - 1. Lymphangitis
 - 2. Lymphedema
- E. Management of hypertension
 - 1. Primary hypertension
 - 2. Hypertensive emergencies

Module VI: Nursing Care of the Client with Diabetes

- A. Classification of diabetes
- B. Overview of physiology and pathophysiology
- C. Clinical manifestations

- D. Assessment and diagnostic findings
- E. Medical Management
 1. Acute complications of diabetes
 2. Long-term complications of diabetes
- F. Nursing process for the client with diabetes
- G. Special issues in diabetes

Module VII: Nursing Care of the Client with Gastrointestinal Alterations

- A. Assessment of the GI tract
 1. Health history and clinical manifestations
 2. Physical assessment
 3. Diagnostic tests
- B. Gastric intubation and total parenteral nutrition.
 1. Nursing care of the client receiving a tube feeding
 2. Gastrostomy
 3. Total parenteral nutrition
 4. Nursing care of the client receiving total parenteral nutrition
- C. Nursing care of the client with gastric and duodenal disorders
 1. Gastritis
 2. Nursing care of the client with gastritis
 3. Peptic ulcer
 4. Nursing care of the client with a peptic ulcer
 5. Gastric cancer
 6. Nursing care of the client with a peptic ulcer
 7. Gastric surgery
- D. Nursing care of the client with intestinal and rectal disorders
 1. Abnormalities of fecal elimination
 2. Acute inflammatory intestinal disorders
 3. Nursing management of the client requiring an ileostomy
 4. Intestinal conditions

Module VIII: Nursing Care of the Client with Alteration in Urinary function

- A. Assessment of urinary and renal function
- B. Diagnostic evaluation
- C. Nursing care of the client undergoing renal evaluation
- D. Nursing care of clients with dysfunctional voiding patterns
- E. Nursing care of clients with kidney surgery
- F. Nursing care of the client with a urinary tract infection
- G. Nursing care of the client with renal stones
- H. Nursing care of the client with a tumor of the urinary tract

Module IX: Nursing Care of the Client with Male Reproductive Disorders

- A. Assessment
- B. Diagnostic evaluation
- C. Infections of the male genitourinary tract
- D. Conditions of the prostate
- E. Nursing care of the client undergoing prostate surgery
- F. Conditions affecting the testes and the adjacent structures
- G. Conditions affecting the penis
- H. Nursing care of clients with disorders of the male reproductive tract

Module X: Nursing Care of the Client with Alterations in Oxygenation

- A. Assessment of respiratory function
 - 1. Promotion of optimal gaseous exchange
 - 2. Assessment
 - 3. Diagnostic evaluation
 - 4. Analysis of blood gasses
- B. Management of clients with upper respiratory disorders
 - 1. Upper airways infections
 - 2. Upper respiratory infections common in children
 - 3. Nursing process: The adult/child with upper airway infection
 - 4. Obstruction and trauma of the upper respiratory airway
 - 5. Nursing process: The patient undergoing laryngectomy
 - 6. Congenital disorders
- C. Management of clients with lower respiratory disorders
 - 1. Atelectasis
 - 2. Respiratory infections
 - 3. Lower respiratory disorders in children
 - 4. Nursing process: The adult/child with pneumonia
 - 5. Nursing process: The adult/child with tuberculosis
 - 6. Pleural conditions
 - 7. Nursing process: The patient with chronic obstructive pulmonary disease
 - 8. Chronic obstructive pulmonary disease
 - 9. Other pulmonary disorders
 - 10. Occupational lung diseases
 - 11. Chest tumors
 - 12. Aspiration

Module XI: Nursing Care of the Client with Alterations in Circulation

- A. Assessment of cardiovascular function
 - 1. Promotion of optimal circulation
 - 2. Assessment
 - 3. Analysis
- B. Nursing management of the client with congenital cardiac dysfunction
 - 1. Defects that result in increased pulmonary blood flow
 - 2. Defects that result in decreased pulmonary blood flow
 - 3. Defects that cause obstruction to blood flow out of the heart
 - 4. Complex cardiac anomalies that involve a flow of saturated and desaturated blood in the heart or great vessels
- C. Nursing management of clients with dysrhythmias and conduction problems
 - 1. Conduction and conduction dysfunction
 - 2. ECG interpretation
 - 3. Dysrhythmias
- D. Nursing management of the client with Coronary vascular disorders
 - 1. Coronary artery disease
 - 2. Nursing process: the client with angina pectoris
- E. Nursing management of clients with congestive heart failure

Module XII: Nursing Management of Client Care

- A. Health care delivery and nursing practice
 - 1. Roles of RN's, LPN's, NA's, UP's
 - 2. Delegation
- B. Quality improvement

REQUIRED TEXTBOOKS FOR NUR 120

- Colgrove & Callicoat. (2007.) Med-Surg Success. F. A. Davis. (ISBN: 978-0-8036-1576-2)
- Daniels, R. (2002) Delmar's Guide to Laboratory and Diagnostic Tests. Thomson Delmar Learning (ISBN: 978-0-7668-1507-0) **OR** another laboratory and diagnostic tests book *that includes nursing considerations*
- Gahart (2009). 2009 Intravenous Medications: A Handbook for Nurses and Health Professionals. Elsevier/Mosby (ISBN 978-0-323-04554-4)
- Potts, N. & Mandleco, B. (2006) Pediatric Nursing. Thomson DelMar Learning (ISBN: 1-4081-9711-8)
- Przybycien, P. (2005). Safe Meds. Elsevier/ Mosby. (ISBN: 978-0-323-02766-3)
- Smeltzer, S., Bare, B., Hinkle, J. & Cheever, K. (2006) Textbook of Medical-Surgical Nursing. 11th ed. Lippincott, Williams and Wilkins (ISBN: 978-0-7817-5978-6 one volume; 978-0-7817-6695-1 two volume set)
- Smeltzer, S., Bare, B. (2007) Study Guide to Accompany Smeltzer & Bare's Textbook of Medical-Surgical Nursing. Lippincott, Williams and Wilkins (ISBN: 978-0-7817-5978-6)
- Wilson, B. A. Nursing Drug Guide 2009. New Jersey: Pearson Educational (ISBN; 978-0-13-503429-3) **OR** another drug guide *that includes nursing considerations*

Previously Required Books from Nursing 110:

- Berman, A., Snyder, S. J., Kozier, B., and Erb, G. (2008). Fundamentals of Nursing: Concepts, Process, and Practice. 8th Ed. New Jersey: Prentice Hall. (978-0-13-171468-7)
- Broyles, B. & Reiss, G. Pharmacological Aspects of Nursing Care. 7th Ed. (2006). Clifton Park, NY: Thomson Delmar Learning (1-4018-8886-0)
- Hoefler, P. (2007) Test-Taking Strategies for Beginning Nursing Students. 5th Ed. Maryland: Meds Publishing: (978-1-56533-514-1)
- Lipe, S. and Beasley, S. (2004). Critical Thinking in Nursing: A Cognitive Skills Workbook. Philadelphia: Lippincott Williams & Wilkins (0-7817-4042-8)
- Pickar, G. Dosage Calculations. 7th Ed. (2004). Clifton Park, NY: Thomson Delmar Learning (0-7668-6286-0)
- Roth, R. (2007). Nutrition and Diet Therapy. 9th Ed. Clifton Park, NY: Thomson Delmar Learning. (1-4180-1826-0)
- Smith, S. F., Duell, D. J., & Martin, B. C. (2008). Clinical Nursing Skills: Basic to Advanced Skills. 7th Ed. New Jersey: Prentice Hall (2004). (978-0-13-224355-1)
- Sparks, S. M., & Taylor, C. M., Nursing Diagnosis Reference Manual. 6th Ed. Pennsylvania: Springhouse (2004). (1-58255-292-4)
- Mosby's Medical, Nursing & Allied Health Dictionary. 7th Ed. St. Louis: Mosby. (2006). (139780323035620)
OR Taber's Cyclopedic Medical Dictionary (1996). 20th Ed. Philadelphia: F. A. Davis. (0-8036-1263-X)

RECOMMENDED:

- Myers, E., (2006). RNotes Nurse's Clinical Pocket Guide. F. A. Davis (ISBN: 978-0-8036-1335-5)

STATEMENT FOR STUDENTS WITH DISABILITIES:

Students who require academic accommodations due to any physical, psychological, or learning disability are encouraged to request assistance from a disability services counselor within the first two weeks of class. Likewise, students who potentially require emergency medical attention due to any chronic health condition are encouraged to disclose this information to a disability services counselor within the first two weeks of class. Counselors can be contacted by calling 536-7207, ext. 1413 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1309.