

## **NUR 120 B NURSING II**

### **COURSE DESCRIPTION:**

Prerequisites: NUR 189, Licensed as a Practical Nurse

Co requisite: BIO 169 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 alterations in circulation, oxygenation, and fluid and electrolytes. Course Hours Per Week: Class, 2.5. Lab, 1.5. Clinical, 3. Semester Hours Credit, 4.

Placement in the curriculum: Second Semester

### **LEARNING OUTCOMES:**

#### **I. PROVIDER OF CARE**

Upon completion of this course, the student should:

- 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.
  - 10. Recognize and report changes in client status immediately.
- 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:

- 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. PROFESSIONAL

Upon completion of this course, the student should:

- 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**

### **Unit 1. Nursing management of clients with alterations in fluid and electrolytes**

- I. Fluid and electrolyte balance
  - A. Fundamental concepts
  - B. Nursing management of clients with fluid and electrolyte disturbances
  - C. Nursing management of the client with electrolyte disturbances
- II. Nursing management of clients with acid-base disturbances

### **Unit 2. Nursing care of the client with alterations in oxygenation**

- I. Assessment of respiratory function
  - A. Promotion of optimal gas exchange
  - B. Assessment
  - C. Diagnostic evaluation
  - D. Analysis
- II. Management of clients with upper respiratory disorders
  - A. Upper airway infections
  - B. Upper respiratory infections common in children
  - C. Nursing process: The adult/child with upper airway infection
  - D. Obstruction and trauma of the upper respiratory airway
  - E. Nursing process: The patient undergoing laryngectomy
  - F. Congenital disorders
- III. Management of clients with lower respiratory disorders
  - A. Atelectasis
  - B. Respiratory infections
  - C. Lower respiratory disorders in children
  - D. Nursing process: The adult/child with pneumonia
  - E. Nursing process: the adult/child with tuberculosis
  - F. Pleural conditions
  - G. Nursing process: the patient with chronic obstructive pulmonary disease
  - H. Other pulmonary disorders
  - I. Occupational lung diseases
  - J. Chest tumors
  - K. Aspiration

### **Unit 3. Nursing care of clients with alterations in circulation**

- I. Assessment of cardiovascular function
  - A. Promotion of optimal circulation
  - B. Assessment
  - C. Analysis

- II. Nursing management of the client with congenital cardiac dysfunction
  - A. Acyanotic
  - B. Cyanotic
- III. Nursing management of clients with dysrhythmias and conduction problems
  - A. Dysrhythmias
  - B. ECG interpretation
- IV. Nursing management of the client with Coronary vascular disorders
  - A. Coronary artery disease
  - B. Nursing process: the patient with angina pectoris
  - C. Nursing process: the patient with myocardial infarction
  - D. Cardiac rehabilitation
- V. Nursing management of patients with complications from heart disease
  - A. Congestive heart failure

**Unit 4. Nursing management of the client with vascular disorders and problems of peripheral circulation**

- I. Assessment of peripheral vascular system
  - A. Health history and clinical manifestations
  - B. Diagnostic evaluation
  - C. Analysis
- II. Management of arterial disorders
  - A. Arteriosclerosis
  - B. Atherosclerosis
  - C. Nursing process: the patient with peripheral arterial insufficiency of the extremities
  - D. Other arterial disorders
- III. Nursing management of venous disorders
  - B. Thrombosis
  - C. Thrombophlebitis
  - D. Chronic venous insufficiency
  - E. Leg ulcers
- IV. Management of lymphatic disorders
  - A. Lymphangitis
  - B. Lymphedema
- V. Management of hypertension
  - A. Primary hypertension
  - B. Nursing process: the patient with hypertension
  - C. Hypertensive crisis

**Required Textbooks for NUR 120 B**

- Boyer, M. (2007) Study Guide to Accompany Smeltzer & Bare's Textbook of Medical-Surgical Nursing. Lippincott, Williams and Wilkins (ISBN: 978-07817-65435)
- Broyles, B. & Reiss, G. (2006) Pharmacological Aspects of Nursing Care. Delmar (ISBN 0-7668-0502-6)

Gahart (2008). Intravenous Medications. Mosby (ISBN 9780323045537)  
Smeltzer, S., Bare, B., Hinkle, J. & Cheever, K. (2007) Textbook of Medical-Surgical Nursing.  
Lippincott, Williams and Wilkins (ISBN: ISBN: 0-7817-6765-2)  
Potts, N. & Mandelco, B. (2006) Pediatric Nursing. Thomson DelMar Learning (ISBN: 1-4081-  
9711-8)  
Wilson, B. A. Nursing Drug Guide 2007. New Jersey: Prentice Hall. (0-13-171-358-2)  
Any NCLEX-RN Review book less than 2 years old. (*A good one is Med-Surg Success by  
Colgrove & Callicoa, ISBN: 0-8036-1576-0 – not in DTCC bookstore*)

### **Previously Required Books from Nursing 189**

Harrington, N. (2003). LPN to RN Transitions. (2<sup>nd</sup> ed.) Philadelphia: Lippincott (ISBN 0-7817-  
3693-5)  
Hoefler, P. A. (2007). Test-Taking Strategies for Beginning Nursing Student. (5<sup>th</sup> ed.). Laurel:  
Meds Publishing (ISBN 9-781565-335141)  
Kozier, B., Erb, G., (2008). Fundamentals of Nursing. (8<sup>th</sup> ed.). New Jersey: Prentice Hall (ISBN  
978-0-13-171468-7)  
Smith, S. F., Duell, D. J., & Martin, B. C. (2008). Clinical Nursing Skills: Basic to Advanced  
Skills. (7<sup>th</sup> ed.). New Jersey: Prentice Hall (ISBN 978-0-13-224355-1)  
Taber's Cyclopedic Medical Dictionary. (2005). (19<sup>th</sup> ed.) Philadelphia: F.A. Davis Company.  
(ISBN 0-8036-1263-X)  
OR  
Mosby's Medical, Nursing & Allied Health Dictionary. (2006.) (7<sup>th</sup> ed.) St. Louis: Mosby.  
(ISBN 139780323035620)

### **RECOMMENDED**

Lutz, C. A. & Przytulski, K. R. Nutrinotes: Nutrition and Diet Therapy pocket Guide. F.A.  
Davis (2004). (978-0-8036-114-6)  
Myers, E., (2006). RNotes Nurse's Clinical Pocket Guide. F. A. Davis (ISBN: 978-0-8036-1335-  
5)  
Zerwekh, Pharmacological Aspects of Nursing Care. (2005). F. A. Davis. (ISBN: 0-323-03191-  
9)

### **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 686-3652 or by visiting the Student Development Office in the Phail Wynn Jr. Student Services Center, room 1309.