

## **NUR 220 NURSING V**

### **COURSE DESCRIPTION:**

Prerequisites: NUR 210A and NUR 210B

Corequisites:

This course provides an expanded knowledge base for delivering nursing care to individuals of various ages. Emphasis is on the nurse's role as an independent provider and manager of care for a group of individuals and as a member of a multidisciplinary team. Upon completion, students should be able to provide comprehensive nursing care to a group of individuals with common complex health alterations. Theoretical concentration includes principles of leadership, management, and delegation while developing skills necessary for transition into professional practice. Course Hours Per Week: Class, 4. Lab, 3. Clinical, 15. Semester Hours Credit, 10.

**Placement in the curriculum: Fifth 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 problems, specifically:
  1. Complete a holistic assessment of clients, i.e. physiologically, psychologically, spiritually, culturally, and educationally, utilizing the client, family, health care team, and printed and/ or electronic records.
  2. Identify potential and actual client needs and client problems.
  3. Identify client factors that place client at high-risk.
  4. Identify a complete problem list for both individuals and small groups of adults and children.
  5. Develop both individualized and family centered nursing diagnoses which include client strengths, and also address cultural, spiritual, psychosocial, and developmental needs.
  6. Prioritize appropriate nursing diagnoses for both individuals and groups of adults, children and families based on the problem list.
  7. Collaborate with the client, family, significant others and members of the health care team to establish client-centered outcomes for the maintenance, restoration/rehabilitation and promotion of optimal levels of health or a comfortable and dignified death.
  8. Participate with the health care team to implement appropriate nursing interventions that will alleviate or prevent problems and promote optimum levels of health for individuals and small groups of clients involving clients in decision making and care management.
  9. Utilize both hospital and community resources to provide family centered care to individuals and small groups of clients.
  10. Collaborate with the client, family, significant others and members of the health care team in evaluating the client's response to treatments and client outcome criteria.
  11. Evaluate the criteria for care of individuals and small groups of clients, participating with clients, significant others and members of the health care team.
  12. Analyze components of the nursing plan of care when client outcomes are not met.
  13. Revise and update nursing plan of care and priorities as appropriate.

- B. Assess the client's reaction to health-illness in relation to developmental level and ability to meet needs, specifically:
  - 1. Analyze adaptive responses of the client to health-illness.
  - 2. Integrate client coping strategies in the plan of care.
  - 3. Incorporate nursing measures that assist the client in completion of the current developmental stage.
  - 4. Analyze the roles and dimensions of the family in the care of the client.
  - 5. Implement care to small groups of clients who are similar in developmental level and ability to meet needs.
  - 6. Utilize family strengths in the plan of care.
- 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 into nursing care.
  - 3. Utilize knowledge and specific skills from previous nursing courses and biological sciences to plan the nursing care of adults and child clients.
  - 4. Describe signs, symptoms, treatments, and nursing responsibilities for clients with complex alterations in circulation, oxygenation, fluid and electrolyte, elimination, and nutritional needs.
  - 5. Employ appropriate adult and child assessment techniques.
  - 6. Apply nutritional and diet therapy needs.
  - 7. Perform nursing skills utilizing evidence-based standards of practice.
  - 8. Confirm, administer, and monitor pharmaceutical regimen to clients including classification, route, side effects, intended action, dosage and nursing considerations.
  - 9. Monitor the client's responses to the therapeutic plan incorporating current technology and current literature.
  - 10. Independently identify deviation from the normal health state and take appropriate action to enhance client care.
  - 11. Apply nutritional principles to the care of adults and children.
  - 12. Confirm, administer, and monitor pharmaceutical regimen to clients including classification, route, side effects, intended action, dosage, and nursing considerations.
  - 13. Monitor the client's responses to the therapeutic plan incorporating current technology and current literature.
  - 14. Independently identify deviation from the normal health state and take appropriate action to enhance client care.
- D. Demonstrate caring behaviors, specifically:
  - 1. Incorporate comfort, privacy, safety and cleanliness into the client's surroundings.
  - 2. Demonstrate respect and empathy when caring for the client and their family.
  - 3. Demonstrate support of the client's and family's rights to govern decisions regarding plan of care.
  - 4. Demonstrate appropriate caring behaviors by providing an environment of trust, support and understanding.
  - 5. Establish a helping relationship with the client and their family.
  - 6. Utilize communication techniques that assist the client to cope with and resolve problems.
  - 7. Overcome barriers to ineffective nurse/client communication.
  - 8. Utilize appropriate communication skills to meet the cultural, developmental, spiritual and psychological needs of the client.
- E. Utilize teaching and learning principles to support and promote healthy lifestyles, specifically:
  - 1. Assess the client's and family's knowledge deficits and ability to learn.
  - 2. Consistently incorporate appropriate client and family teaching into the plan of care to attain, maintain, or regain an optimum level of health.
  - 3. Using the principles of teaching/learning, implement teaching plan for a small group of clients.

4. Use specific theories in providing age-appropriate teaching for adults and children.
5. Incorporate client and family learning needs in the plan.
6. Evaluate the effectiveness of the teaching plan and revise as needed.

## **II. MANAGER OF CARE**

Upon completion of this course, the student should:

- A. Provide appropriate, quality nursing care, specifically:
  1. Utilize evidence-based standards in performing nursing measures.
  2. Assure that assigned care is completed.
  3. Demonstrate accountability for the delivery of nursing care to a group of clients.
  4. Utilize good customer relations.
  5. Collaborate with interdisciplinary health care team as appropriate.
  6. Participate in quality improvement activities to improve client outcomes, identify and prevent errors and develop changes in processes of client care.
- B. Coordinate the delivery of nursing care, specifically:
  1. Establish priorities when caring for a group of clients.
  2. Organize care to meet priority needs for a group of clients.
  3. Apply time management principles to the care of a group of clients.
  4. Ask for assistance from appropriate individuals when needed.
  5. Independently assist peers and staff as needed.
  6. Compare and contrast systems of nursing care delivery.
  7. Utilize plans of care in delegating responsibilities to personnel.
  8. Delegate appropriate responsibilities to various levels of nursing personnel in simulated and/or actual situations.
  9. Instruct personnel in the implementation of safe client care in simulated and/or actual situations.
  10. Evaluate effectiveness of delegated care.
  11. Supervise personnel in the delivery of client care needs.
  12. Instruct personnel in the implementation of safe client care
  13. Apply principles of conflict management in working with peers and staff.
- C. Practice in a cost effective manner, specifically:
  1. Analyze ways of meeting groups of clients with decreasing hospital stays.
  2. Compare personnel costs related to system of nursing care delivery.
  3. Utilize methods to contain cost in the health care setting.

## **III. PROFESSIONAL**

Upon completion of this course, the student should:

- A. Practice within a professional, ethical and legal framework, specifically:
  1. Identify the role of the ADN student in the delivery of nursing care to groups of clients.
  2. Function within the policies and procedures of the institution.
  3. Function within the Nursing Practice Act.
  4. Demonstrate client and work place confidentiality.
  5. Adhere to the AHA Patient Bill of Rights.
  6. Demonstrate nursing behaviors consistent with a positive role model.
  7. Advocate for client-centered care, respecting client's and family's rights.
  8. Constructively advocate for improved nursing practice.
  9. Utilizing federal and state laws, and agency policy related to care giving, analyze ethical and legal dilemmas identified in health care settings.
  10. Utilizing nursing resources, derive a personal definition of nursing.

11. Compare and contrast the educational preparation, roles and credentialing of various levels of nursing.
  12. Discuss the purposes, activities, programs and services or organizations for and about nursing.
  13. Relate current trends in health care delivery system to its impact on nursing.
  14. Analyze the political and societal factors which affect the roles of nurses and health care.
  15. Analyze ethical and legal dilemmas in the hospital related to care of adults and children.
- B. Follow appropriate protocol for communicating nursing functions, specifically:
1. Utilize appropriate verbal/non-verbal communication, which conveys a caring attitude toward staff/colleagues.
  2. Independently and promptly, report deviations in the client's health status to the appropriate personnel.
  3. Utilize information technology to support and communicate the planning and provision of care.
  4. Accurately analyze and document client information in a timely manner.
  5. Report errors or omissions promptly.
  6. Give reports at change of shift.
  7. Conduct a clinical conference related to the nursing care of clients.
  8. Participate in interdisciplinary teams to achieve positive client outcomes.
  9. Communicate relevant, accurate, and complete information in a concise and clear manner.
  10. 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 own strengths and limitations through the formulation of weekly learning objectives.
  2. Seek ways of improving own nursing practice.
  3. Utilize constructive criticism for improving nursing practice.
  4. Develop a plan to meet personal learning goals and course objectives.
  5. Evaluate personal progress toward attainment of personal learning goals and course objectives.
  6. Incorporate continued learning into daily practice.
  7. Utilize evidence-based information, collected electronically or through other means, as a resource for continuous learning, professional development and advancing nursing practice.
  8. Critique nursing publications appropriate to adult and pediatric client care.

## **OUTLINE OF INSTRUCTION**

### **Module I: Leadership and Management**

- A. Differentiating Leadership and Management
- B. Theories of Leadership
- C. Applying Leadership to the Management Role
- D. Types of Leadership Styles
- E. Power and the Leadership Role
- F. Developing Your Leadership Style
- G. Evaluating Your Own Effectiveness as a Leader

### **Module II: Management of Clients with Burn Injury**

- A. Incidence of Burns
- B. Pathophysiology of Burns
- C. Classification of Burns
- D. Local and Systemic Response to Burns
- E. Phases of Burn Care
- F. Management of the client with Burn Injury
- G. Disorders of Wound Healing
- H. Developing a Plan of Care

### **Module III: Nursing Care of Clients with Endocrine Malfunction**

- A. Disorders of the Thyroid Gland
- B. Disorders of the Parathyroid Gland
- C. Disorders of the Adrenal Gland
- D. Complications of Diabetes Mellitus (DKA & HHNS)
- E. Pharmacological Support

### **Module IV: Nursing Care of the Geriatric Population**

- A. The Future of Old Age
- B. Normal Biology of Aging
- C. Normal Cognition of Aging
- D. The Aging Personality
- E. Successful Aging
- F. Nursing Care of the Impaired Older Adult
- G. Elder Abuse
- H. Ethical Issues in Gerontology

### **Module V: Nursing Care of the Client with Shock**

- A. Pathophysiology of Shock
- B. Stages of Shock
- C. Management of Clients in Shock
- D. Pharmacological Support in Clients with Shock
- E. Common Nursing Diagnosis and Collaborative Problems

### **Module VI: Nursing Care of the Client with Alterations in Cardiac Function**

- A. Promotion of Optimal Perfusion/Cardiac Function
- B. Specific Life Threatening Alterations in Cardiac functioning
- C. Assessment techniques and Findings
- D. Planning
- E. Implementation
- F. Pharmacological Support
- G. Evaluation of Outcomes from Cardiac Disease

### **Module VII: Nursing Informatics**

- A. Discuss the role of the informatics nurse.
- B. Describe the educational pathways that exist for nurses interested in pursuing nursing informatics.
- C. Compare and contrast the effects of the Computerized Physician Order Entry (CPOE) in healthcare.
- D. Identify the components of a Electronic Health Record (EHR).
- E. Describe the use of Electronic Health Records as it relates to nursing practice.

### **Module VIII: Nursing Care of Clients with Complex Urinary Disorders**

- A. Pathophysiology of Acute and Chronic Renal Failure
- B. Clinical Manifestations of Acute and Chronic Renal Failure
- C. Assessment and Diagnostic Findings
- D. Nursing Management
- E. Hemodialysis and Peritoneal Dialysis
- F. Nephrotic Syndrome
- G. Diabetes Insipidus (DI)
- H. Syndrome of Inappropriate Antidiuretic Hormone (SIADH)

**Module IX: Nursing Care of Clients with Complex Alterations in Oxygenation**

- A. Assessment Techniques and Findings
- B. Nursing Management of Clients with Life Threatening Alterations in Oxygenation and Ventilation
- C. Acute Ventilatory Failure
- D. Pulmonary Emboli
- E. Chest Trauma/Chest Tubes
- F. Cor Pulmonale
- G. ARDS
- H. Pulmonary Edema

**Module X: Nursing Care of the Client with Disorders of the Liver and Pancreas**

- A. Liver Function Tests
- B. Pathophysiologic Alterations of the Liver and Pancreas
- C. Management of Various Liver Disorders.
- D. Compare the Various Types of Hepatitis
- E. Management of Various Pancreatic Disorders

**Module XI: Nursing Care of the Client with Impairment of the Immune System**

- A. Pathophysiology of HIV infection
- B. Living with HIV
- C. Management of clients with HIV and AIDS
- D. Laboratory studies related to HIV and AIDS
- E. Pharmacological Support

**Module XII: Nursing Care of Clients in Special Setting – ICU/ER & During Times of Disaster**

- A. Environment of care
- B. Staff and client safety
- C. Emergency nursing principles
- D. Common environmental emergencies
- E. Disaster Preparedness

**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.