

**NUR 102**  
**PRACTICAL NURSING II**

**COURSE DESCRIPTION:**

Prerequisites: NUR 101, BIO 163, PSY 110

Corequisites: None

Placement in Curriculum: Second Semester

This course includes more advanced concepts as related to the practical nurse's caregiver and discipline-specific roles. Emphasis is placed on the nursing process, delegation, cost effectiveness, legal/ethical/professional issues, and wellness/illness patterns. Upon completion, students should be able to begin participating in the nursing process to promote/maintain/restore optimum health for diverse clients throughout the life span. Correlation of theory to clinical applications is provided on medical, surgical and mother-baby units. This is a diploma-level course. Course Hours Per Week: Class: 8; Clinical: 12; Semester Hours Credit: 12.

**COURSE LEARNING OUTCOMES: (Theory)**

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

- a. Discuss health promotion/health maintenance throughout the lifespan.
- b. Describe the components of the nursing process and related pharmacological management in alterations of functions of the renal (include fluid and electrolyte) gastrointestinal, endocrine, respiratory, and reproductive systems.
- c. Identify the physiological changes and the psychological needs of the obstetrical client.
- d. Discuss the care of the newborn, including related nursing principles.
- e. Identify and locate evidence-based resources for the Obstetrical/Newborn client.

**CLINICAL LEARNING OUTCOMES:**

- a. Participates in assessing the client's physical and psychosocial needs.
- b. Participates in planning appropriate nursing interventions with members of the nursing team utilizing nursing information systems available at clinical facilities.
- c. Apply appropriate nursing techniques in the care of diverse client with specific disorders throughout the life span.
- d. Employ nursing interventions with increased skill in the care of diverse clients with specific disorders throughout the life span.
- e. Demonstrate increased skill in implementing the established nursing care plan for clients throughout the life span.
- f. Contribute to the assessment and care of the newborn.
- g. Assist in assessing the physical and psychosocial needs of the client in relation to medication therapy with guidance.
- h. Assist in planning appropriate nursing interventions in relation to medication therapy with guidance.

- i. Administer medication safely and accurately with guidance to select clients.
- j. Assist in identifying the effect of medication therapy.
- k. Recognize the effectiveness of the nursing interventions from the established care plan with the instructor utilizing the electronic health records available.
- l. Demonstrates increased development of personal and professional characteristics.
- m. Practice in a cost effective manner utilizing computerized inventory systems available at clinical facility.
- n. Demonstrates critical thinking skills in the clinical setting.

### **OUTLINE OF INSTRUCTION (Theory) Obstetrical**

- I. Describe the components of the nursing process and related pharmacological management in alterations of functions of the reproductive system.
  - A. Discuss causes and prevention of reproductive dysfunction.
  - B. Identify nursing responsibilities of the pre and post test care of clients having reproductive testing.
  - C. Discuss the nursing management of reproductive dysfunction.
  - D. Describe the nursing care of clients with reproductive disorders.
  - E. Discuss the role of the practical nurse in reinforcing client's teaching.
  - F. Describe the alterations of function in the elderly client.
  - G. Compare the alterations of function in the child.
  
- II. Identify the physiological changes and psychological needs of the obstetrical client.
  - A. State the normal changes, fetal development and psychological needs that occur during the period of gestation.
  - B. Describe the complications associated during pregnancy and related nursing responsibilities.
  - C. Identify each stage of labor with possible complications and related nursing implications.
  - D. Describe the progression of the postpartum period with possible complications and related nursing principles.
  
- III. Discuss the care of the newborn, including related principles.
  - A. Discuss the normal characteristics of the newborn.
  - B. Discuss nursing principles related to the care of the newborn.
  - C. Describe nursing management of problems of the newborns within the role of LPN.

### **OUTLINE OF CLINICAL CONTENT (Obstetrical Component)**

- I. Participate in assessing the patient's physical and psychosocial needs of diverse obstetrical clients.
  - A. Collects data that is pertinent to the assessment of the client.
  - B. Participates in assessing the client and reports significant changes to appropriate personnel immediately.
  - C. Uses appropriate communication skills
  - D. Contributes to the development of nursing care plans with appropriate nursing knowledge to meet client needs.

- E. Accurately obtain and document fetal heart tones.
  - F. Describes uterine involution and documents appropriately.
  - G. Accurately describes lochia and relate theory for the different types of lochia.
  - H. Describes the physiological changes in the breast.
  - I. Demonstrates various techniques for breast feeding and formula feeding.
  - J. Observes episiotomy and/or incision site and documents observation.
  - K. Participates in the assessment of the nutritional status of the client and offers rationales for a balanced diet.
  - L. Identifies methods of contraception and reinforces information given by the RN.
  - M. Observes infant bonding and documents appropriately.
  - N. Assists with discharge procedure and reinforces discharge instruction given by the RN.
  - O. Accurately documents client progress.
  - P. Demonstrates critical thinking skills in the clinical setting.
- II. Participate in planning appropriate nursing intervention with members of the nursing team.
- A. Accurately identifies client health care needs.
  - B. Uses appropriate resources in obtaining information necessary for nursing care.
  - C. Contributes to the development of the nursing care plan.
- III. Assist in evaluating nursing interventions.
- A. Identifies the effectiveness of nursing intervention.
  - B. Identifies potential nursing problems to the instructor.
  - C. Assists in making appropriate alterations in nursing care with the assistance of the RN.
- IV. Contributes to the assessment and care of the newborn.
- A. Demonstrates accurate measures to properly identify the mother and newborn.
  - B. Recognize potential nursing problems based on collected data.
  - C. Identifies normal characteristics of the newborn.
  - D. Describes accurate preparation of infant formula.
  - E. Demonstrates proper application of triple dye.
  - F. Selects appropriate items for the infant bath.
  - G. Performs weights in kilograms and is able to convert to pounds.
  - H. Identifies appropriate protocol for reinforcing infant care instruction.
  - I. Maintains medical asepsis.
- V. Practice in a cost effective manner.

### **OUTLINE OF INSTRUCTION (Theory) Medical Surgical Component**

- I. Describe how the components of the nursing process relate to the alterations in body functions.
  - A. Discuss alterations in gastrointestinal functions and nursing interventions.
  - B. Cite causes and prevention of gastrointestinal disorders.
  - C. Discuss diagnostic tests and procedures and nursing implications.
  - D. Discuss the nursing management to clients with gastrointestinal disorders.
  - E. Discuss selected disorders and client care for gastrointestinal system

- F. Identify common problems related to gastrointestinal disease.
  - G. Describe common therapeutic modalities and including perioperative, diet and medications.
  - H. Discuss community care for clients with gastrointestinal disorders.
  - I. Discuss elder care points for clients experiencing gastrointestinal disorders.
- II. Discuss alterations in endocrine function and the nursing interventions.
- A. Discuss causes and prevention of endocrine disorders.
  - B. Discuss diagnosis tests and procedures and nursing implications.
  - C. Discuss the nursing management to clients with endocrine disorders.
  - D. Discuss selected disorders and client care for endocrine system.
  - E. Identify common problems related to endocrine disease.
  - F. Describe common therapeutic modalities and including perioperative, diet and medications.
  - G. Discuss community care for clients with endocrine disorders.
  - H. Discuss elder care points for client experiencing endocrine disorders.
- III. Discuss alteration in urinary and renal function, fluid and electrolyte status and the nursing interventions.
- A. Identify causative factors and preventative measures associated with urinary and renal dysfunctions.
  - B. Describe diagnostic tests and procedures and nursing implications.
  - C. Discuss the nursing management of clients with urinary and renal dysfunction.
  - D. Discuss disorders of the urinary and renal system.
  - E. Discuss common therapeutic modalities including peri-operative, medications, diet and artificial means.
  - F. Describe community care for clients with urinary and renal dysfunction.
  - G. Discuss elder care points for client with urinary and renal dysfunction.
  - H. Discuss common fluid and electrolyte imbalances and nursing implications.
- IV. Discuss alterations in pulmonary function and the nursing interventions.
- A. Identify causative factors and preventative measures associated with pulmonary dysfunctions.
  - B. Describe diagnostic tests and procedures and nursing implications.
  - C. Discuss the nursing management of clients with pulmonary dysfunction.
  - D. Discuss disorders of the respiratory system.
  - E. Discuss common therapeutic modalities including peri-operative, diet, medications, and artificial means.
  - F. Describe community care for clients with pulmonary dysfunction.
  - G. Discuss elder care points for clients with pulmonary dysfunction.

**OUTLINE OF CLINICAL CONTENT: (Medical Surgical Component)**

- I. Apply appropriate nursing techniques in the care of diverse clients with specific disorders throughout the life span.
  - A. Describe the physiological and psychosocial effects of illness on the client.

- B. Collect data that is pertinent to the assessment of client needs.
  - C. Given a nursing diagnosis, communicate with the instructor health team members the purpose of nursing interventions related to the diagnosis.
  - D. Compare the significant of age and maturation levels as factors in caring for clients.
  - E. Report significant data to appropriate personnel.
  - F. Demonstrate understanding of the disease process and nursing interventions for clients with selected physiological dysfunction.
  - G. Demonstrate critical thinking for the client in the clinical setting.
- II. Organize nursing interventions in the care of diverse clients with specific disorders throughout the lifespan.
- A. Participate in problem solving sessions for selected client with current and/or potential medical-surgical needs.
  - B. Review with the instructor the established plan of care for clients with selected disorders including therapeutic, preventive and restorative care.
  - C. Select and use appropriate resources to obtain information necessary for client care.
  - D. Assist in reinforcing preventive and restorative instructions for clients with selected disorders.
  - E. Explain what is meant by "non-traditional" healing.
  - F. Assist in establishing nursing care priorities that are realistic for the client and practical nurse.
- III. Demonstrate increased skills in implementing the established nursing care plan for clients throughout the lifespan.
- A. Apply knowledge of nursing principles to the care for clients.
  - B. Perform therapeutic, restorative and preventative measures according to the established care plan.
  - C. Document nursing interventions demonstrating knowledge of legal/ethical implications.
- IV. Assist in appraising the effectiveness of the established nursing care plan.
- A. Assist in measuring the effectiveness of the established nursing care plan.
  - B. Recognize potential nursing problems based on collected data.
  - C. Assist in designing appropriated adjustments in the established nursing care plan based on evaluative data.
  - D. Assist in establishing short-term goals appropriate to client's condition, socio-economic and cultural background.
- V. Assists in implementing appropriate nursing interventions in relation to medication therapy.
- A. Contributes to the development of basic nursing care plans as related to medication therapy.
  - B. Organizes and plans nursing interventions based on priority of client needs.
  - C. Demonstrates appropriate measures to alleviate the need for medication or enhance the drug effect.
  - D. Implements medication orders with minimal assistance.
  - E. Verifies medication record with physician order sheet.
  - F. Safely prepares and administers medications to selected clients.

- G. Accurately documents medication therapy.
  - H. Assist with discharge and reinforces discharge instruction relating to medication therapy.
  - I. Collaborates with health care team members in relation to medication therapy.
  - J. Observes for and document effects of medication therapy.
  - K. Demonstrates competency in calculating doses.
- VI. Show increased development of personal and professional characteristics.
- A. Demonstrate skill in completing nursing care in a timely manner.
  - B. Transfer knowledge acquired in previous clinical situations and/or theory to new clinical situation.
- VII. Utilize appropriate nursing interventions in providing for the specific needs of the client and family in dealing with a terminal illness.
- VIII. Practice in a cost effective manner.

### **REQUIRED TEXTBOOKS**

- Leifer. (2007). Introduction to Maternity & Pediatric Nursing. (5<sup>th</sup> ed.). Philadelphia: Saunders.
- Leifer. (2007). Intro to Maternity & Pediatric Nursing (Study Guide). (5<sup>th</sup> ed.). Philadelphia: Saunders.
- Linton. (2008). Introduction to Medical-Surgical Nursing. (4th ed.) Philadelphia: Sanders.
- Linton. (2008). Intro to Med-Surg Nursing (Study Guide). (4th ed.) Philadelphia: Sanders.

### **RECOMMENDED READING:**

- Murkoff, Eisenberg, & Hathaway. (2007). What to Expect When You're Expecting. (4th ed.). New York: Workman.
- Chernechy, Cynthia. (2004). Fluid and Electrolytes. (2<sup>nd</sup> ed.). St. Louis: Mosley.
- Mosby. Mosby's Nursing PDQ for LPN. (2<sup>nd</sup> ed.).

### **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.