

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

**COURSE DESCRIPTION:**

Prerequisites: NUR 101, BIO 163, and PSY 110

Corequisites: None

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

**COURSE OBJECTIVES: (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.

**CLINICAL OBJECTIVES:**

- a. Participates in assessing the client's physical and psychosocial needs.
- b. Participates in planning appropriate nursing interventions with members of the nursing team.
- 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. Assist in appraising the effectiveness of the established nursing care plan.

- l. Demonstrates increased development of personal and professional characteristics.
- m. Practice in a cost effective manner.

### **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 aspects of the nurse's responsibility in teaching and community care.
  - 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 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.
    - 1) Cite causes and prevention of gastrointestinal disorders.
    - 2) Discuss diagnostic tests and procedures and nursing implications.
    - 3) Discuss the nursing management to clients with gastrointestinal disorders.
    - 4) Discuss selected disorders and client care for gastrointestinal system
    - 5) Identify common problems related to gastrointestinal disease.
    - 6) Describe common therapeutic modalities and including perioperative, diet and medications.
    - 7) Discuss community care for clients with gastrointestinal disorders.

- 8) Site elder care points for clients experiencing gastrointestinal disorders.
- B. Discuss alterations in endocrine function and the nursing interventions.
  - 1) Cite causes and prevention of endocrine disorders.
  - 2) Discuss diagnosis tests and procedures and nursing implications.
  - 3) Discuss the nursing management to clients with endocrine disorders.
  - 4) Discuss selected disorders and client care for endocrine system.
  - 5) Identify common problems related to endocrine disease.
  - 6) Describe common therapeutic modalities and including perioperative, diet and medications.
  - 7) Discuss community care for clients with endocrine disorders.
  - 8) Cite elder care points for client experiencing endocrine disorders.
- C. Discuss alteration in urinary and renal function, fluid and electrolyte status and the nursing interventions.
  - 1) Identify causative factors and preventative measures associated with urinary and renal dysfunctions.
  - 2) Describe diagnostic tests and procedures and nursing implications.
  - 3) Discuss the nursing management of clients with urinary and renal dysfunction.
  - 4) Discuss disorders of the urinary and renal system.
  - 5) Discuss common therapeutic modalities including peri-operative, medications, diet and artificial means.
  - 6) Describe community care for clients with urinary and renal dysfunction.
  - 7) Cite elder care points for client with urinary and renal dysfunction.
  - 8) Discuss common fluid and electrolyte imbalances and nursing implications.
- D. Discuss alterations in pulmonary function and the nursing interventions.
  - 1) Identify causative factors and preventative measures associated with pulmonary dysfunctions.
  - 2) Describe diagnostic tests and procedures and nursing implications.
  - 3) Discuss the nursing management of clients with pulmonary dysfunction.
  - 4) Discuss disorders of the respiratory system.
  - 5) Discuss common therapeutic modalities including peri-operative, diet, medications, and artificial means.
  - 6) Describe community care for clients with pulmonary dysfunction.
  - 7) Cite 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 to 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.
- II. Organize nursing interventions with increased skills 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. Develop a 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 increased knowledge of nursing principles to the care plan for clients.
  - B. Perform therapeutic, restorative and preventative measures according to the established care plan.
  - C. Safely prepare and administer medications to selected clients.
  - D. Document nursing interventions demonstrating knowledge of legal/ethical implications.
- IV. Assist in appraising the effectiveness of the established nursing care plan.
- A. Recognize potential nursing problems based on collected data.
  - B. Assist in measuring the effectiveness of the established nursing care plan.
  - 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, socioeconomic and cultural background.
- V. Demonstrate beginning skills in the delegation of nursing activities to the appropriate personnel.
- A. Perform beginning leadership skills.
    - 1) Employ time management techniques.
    - 2) Demonstrate rules of assertiveness.
    - 3) Utilize good communication skills.
    - 4) Recognize accountability for nursing practice within the legal and ethical framework.
    - 5) Identify tasks the LPN may delegate to the NAI and NAII

- B. Coordinate and direct the nursing care of several clients as assigned by the instructor.
  - 1) Prioritize care of multiple clients.
  - 2) Assist in the inspection and evaluation of the nursing care implemented.
  - 3) Give instructions for the client regarding treatment/procedure and discharge as written by authorized personnel.
  
- VI. Show increased development of personal and professional characteristics.
  - A. Demonstrate increased skill in completing nursing care in a timely manner.
  - B. Transfer knowledge acquired in previous clinical situations and/or theory to new clinical situations.
  
- 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 TEXTBOOK:**

Ingall's & Salerno: Maternal and Child Health Nursing, 9<sup>th</sup> Ed, SaintLouis, Missouri: Mosley (1999)

Study guide to accompany Ingall's & Salerno

Linton: Introductory: Nursing Care of Adults, 2<sup>nd</sup> Ed, Philadelphia, PA, Saunders (2000)

**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.

Tutorial services are available to Durham Tech students in a variety of academic subjects in the Campus Learning Center (CLC), on the lower level of the library. This term's schedule of free tutorial services is available in the CLC and is posted on bulletin boards around the campus. For information, call the CLC at 686-3554 or consult the CLC web pages ([www.dtcc.cc.nc.us](http://www.dtcc.cc.nc.us)).