

Louisiana Delta Community College

Academic Affairs Master Syllabus

Course Name: MEDICAL/SURGICAL II

Course Number: HNUR 2123

Credit Lecture hours: 5 **Credit Lab Hours:** 3 **Contact Hours:** 260

Textbook, Author, and Publisher: To be provided by College Campus

Instructor Information: To be provided by College Campus

Class Location: To be provided by College Campus

Course Description: This course includes theory related to nursing care provided to adult clients experiencing alterations in the respiratory, gastrointestinal, endocrine and integumentary function. Care of the adult client with a neoplastic disorder is also included. Included is a review of anatomy and physiology, and therapeutic/modified diets for each body system addressed. Pharmacological interventions/commonly used medications for each body system addressed are discussed at length. Geriatric considerations are addressed.

Utilizing a nursing process approach, the student will perform applicable practical nursing clinical skills to multiple clients in approved health care facilities under the supervision and discretion of practical nursing faculty. Critical thinking skills are encouraged while the student learns to make interdependent practical nursing decisions. **This course includes a 180-hour clinical component.**

Prerequisites: HNUR 2113. Concurrent enrollment or successful completion of HNUR 1460 is also required.

Co-requisites: None

Learning Outcomes:

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

TECHNICAL STANDARDS: Students must demonstrate ability to meet the following technical/performance standards while receiving the instruction as outlined in course syllabus:

- a) Read and communicate orally and in writing using the English language.
- b) Hear with or without auditory aids to understand normal speaking voice without viewing the speakers face.
- c) Visually, with or without corrective lenses, observe changes in client's condition and actively participate in learning process.
- d) Utilize stamina, strength and psychomotor coordination necessary to perform routine practical nursing procedures at floor or bed level.
- e) Demonstrate use of gross and fine motor skills necessary to provide independent, safe and effective practical nursing care.

Learning Outcomes continued:

- f) Solve problems and apply critical thinking skills while providing safe and efficient client care.
- g) Interact with individuals/families/groups from various socioeconomic and cultural backgrounds.
- h) Adapt and function in a multi stressor environment while adhering to legal/ethical guidelines of the school, Louisiana PN Nurse Practice Act and clinical agencies.

COURSE OBJECTIVES:**Theory:**

Upon successful completion of this course with a minimum of 80% accuracy, the student will:

1. Explain the relationship between normal/abnormal anatomy and physiology of each body system discussed and the correlation to the diseases identified.
2. Identify and discuss therapeutic and modified diets related to the diseases identified.
3. Describe nutritional assessments, drug-nutrient interactions, legal and ethical principles of nutrition, nutritional documentation, and interventions that are associated with each disease process and its nutritional modification.
4. Reinforce the purpose of client's laboratory tests and related teaching requirements, and the significance of lab values as they relate to pharmacological interventions for each body system discussed
5. List common disorders of the respiratory, gastrointestinal, endocrine and integumentary function and the adult client with cancer with emphasis on pathophysiology.
6. Describe components of a respiratory, gastrointestinal, endocrine and integumentary assessment, including evaluation of diagnostic studies comparing to normal parameters.
7. Discuss common pharmacological agents used in the treatment of adult clients with respiratory, gastrointestinal, endocrine and integumentary disorders.
8. Explain procedures for the adult client with respiratory surgical intervention including chest tube maintenance, post-operative positioning and pain management.
9. Explain procedures for the adult client with gastrointestinal disorders including surgery, pre-operative preparation, alterations in body image and teaching of the adult client relative to diet and elimination.
10. Discuss the physiology of wound healing.
11. Define the classification of burns.
12. Compare and contrast normal versus malignant cell structure and behavior.
13. Discuss the incidence, risk factors and detection of cancer.
14. Describe common diagnostic studies for the adult client with cancer.

Learning Outcomes continued:

15. Discuss the role of pharmacological agents in the treatment of cancer, including side effects and their management.
16. Discuss the psychological impact of cancer on the adult client and family including grief management and end-of-life care.
17. Discuss and evaluate implications of the respiratory, gastrointestinal, endocrine and integumentary disease processes on geriatric clients.

Clinical:

Upon successful completion of this course with a minimum of 80% accuracy, the student will:

1. Assess, plan, implement and evaluate care for an adult client with alterations in gastrointestinal, endocrine, integumentary or respiratory function and the adult client with cancer.
2. Provide pharmacological therapies for the adult client including medication administration as prescribed.
3. Seek supervision from a clinical instructor for performing tasks in which the specific skill has not been verified by a clinical instructor.
4. Provide competent and safe practical nursing care appropriate to the level of training and education.
5. Observe and identify abnormal reactions and changes in clients' conditions, report these changes to the clinical instructor and appropriate staff, and accurately record these observations on the appropriate documents.
6. Demonstrate appropriate communication techniques in interacting with assigned clients, their support person, and the health care team, maintaining compliance with Health Insurance Portability and Accountability Act (HIPAA) regulations.
7. Assess biological, psychosocial, socio-cultural, spiritual needs, and/or developmental factors that influence health attainment.
8. Plan and incorporate therapeutic interventions, collaboration as a member of the health team, rehabilitative/restorative care concepts, concepts of death with dignity, and the nursing process in nursing care.
9. Evaluate the effectiveness of nursing care rendered specific to the applied nursing interventions.
10. Document and validate nursing activities in an appropriate manner as noted in the agency Policy and Procedure Manual
11. Reinforce the purpose of client's laboratory tests and related teaching needs to include pharmacological implications.
12. Demonstrate and exhibit responsibility, professionalism, and accountability with assigned clients by functioning within the Practical Nurse scope of practice as defined by the LA State Board of Practical Nurse Examiners.

NOTE: students must pass both the theory and clinical components of this course with an 80% in each area in order to successfully complete the course and advance in the program.

Assessment Measures: To be provided by the College Campus.

Library Resource Center:

The Delta Library and Learning Resource Center is committed to providing quality information and learning resources and services, including technology, in supporting the overall mission of Delta Community College and its commitment to lifelong learning.

Special Accommodations:

Louisiana Delta Community College complies with Section 504 of the Rehabilitation Act, as well as the Americans with Disabilities Act. Students with disabilities who attend the Monroe campus may make a request by contacting the Director of Counseling and Disability Services (See College Directory for contact information.) at the beginning of each semester. Reasonable accommodations will be attempted for students with documented disabilities. If an impairment is identified later in the semester, a non-retroactive accommodation plan will be developed. Students at satellite campuses should contact the Coordinator of Student Affairs at their particular campus.

Title IX:

Louisiana Delta Community College is committed to protecting the rights of students, which includes compliance with Title IX requirements. As such, the institution and members of our community will not tolerate the offenses of dating violence, domestic violence, sexual assault, and stalking. Students with Title IX concerns should contact the College's Title IX Coordinator (See College Directory for contact information.) Students are required to complete Sexual Assault Awareness and Prevention Online Training. Access to this online course will be sent out through the Delta email account.

Student Code of Conduct:

Louisiana Delta Community College encourages an environment of academic integrity and mutual respect. Students should read and follow both academic and behavioral expectations identified in the Code of Student Conduct that can be found online at www.ladelta.edu. Students are expected to act with integrity, respect the rights of others, and conduct themselves in a professional manner. The Honor Code prohibits academic misconduct such as cheating, engaging in unauthorized collaboration, and plagiarism. Violations of the Code of Student Conduct may result in disciplinary action as provided in the Code. Incidents are reported through the online Student Conduct system.