Course Title: Adult Nursing I  
Course Prefix & Number: NURS 1110  
Lecture: 3  
Clinical: 9  
Lab: 6  
Credit Hours: 6

COURSE DESCRIPTION:
Introduction to the knowledge, skills and abilities associated with nursing practice. Concepts of physiological integrity, psychosocial integrity, a safe effective care environment and health promotion/maintenance are examined. The nursing process provides a foundational/beginning framework to help the learner think critically, assess factors that influence safe and effective care delivery and integrates theory with the care of clients and families. Students learn nursing concepts related to the surgical client, musculoskeletal system, peripheral vascular system, eye, and ear, nose, and throat disorders. This course includes didactic and a clinical component.

COURSE REQUISITES:
Prerequisite: (5) Acceptance into the Practical Nursing program; CHEM 1010; ENGL 1010; MATH 1310; and PSYC 1120 - must be completed prior to taking this course.
Corequisite: (1) NURS 1110L - must be taken at the same time as this course.

RATIONALE: Nursing core curriculum for the PN level

REQUIRED TEXTBOOK(s) and/or MATERIALS:
(ISBN: 978-1-4557-7641-2)

Materials: Assessment Technologies Institute (ATI), L.L.C. (Computer software), PowerPoint presentations, writing utensils, penlight, stethoscope, clinical paperwork
Student Learning Outcomes:
Upon successful completion of this course, students will be able to:

1. Maintain foundational standards of ethical, professional and legal behavior while utilizing critical thinking to identify knowledge related to nursing practice with individuals within the context of health and wellness promotion. [EOP SLO #1, 2][Clinical: Obj I]
2. Identify the qualities of the nurse in the learner role with responsibility and accountability for foundational nursing practice and an awareness of the need for continued personal learning and self development. [EOP SLO #5][Clinical: Obj II]
3. Examine foundational caring behaviors and the use of nursing process to implement therapeutic interventions in the delivery of nursing care to clients. [EOP SLO #1, #3][Clinical: Obj III]
4. Utilize foundational knowledge from nursing and related disciplines to make guided clinical judgments with individuals according to their lived experience and within the context of health for the purpose of wellness promotion. [EOP SLO #3, 5, 6][Clinical: Obj IV]
5. Identify as a learner, how collaboration with other health professionals contributes to the foundational nursing care of clients with selected health needs in structured settings. [EOP SLO #2, 3, 6] {Clinical: Obj V}
6. Utilize a variety of foundational caring interactions to establish relationships with clients and the interdisciplinary team. Examine communication techniques and principles that reflect caring in nursing process. [EOP SLO #2, 5, 6] {Clinical: Obj VI}
7. Utilize the foundational teaching-learning process to assist clients to reach a higher level of health. [EOP SLO #3, 6] {Clinical: Obj VII}
8. Follow the hierarchy of needs when providing nursing care to clients in collaboration with the interdisciplinary team. [EOP SLO #1, 2, 3, 6] {Clinical: Obj VIII}

TOPICAL UNIT OUTLINE with UNIT OBJECTIVES:
Upon successful completion of these units, students will be able to:

UNIT ONE: CARE OF THE SURGICAL CLIENT

Theory Objectives: At the completion of this unit of study the student will be able to:

1. Discuss the purpose of each type of surgery.
   - Diagnostic
   - Ablative
   - Palliative
   - Reconstructive/ Restorative
   - Procurement for transplant
   - Constructive
   - Cosmetic
2. Discuss the nurse’s role with “informed consent”.
3. Explain the importance of appropriate pre-operative preparation.
4. Describe specific information to be shared with the client and family.
5. Describe the physical preparation of the client prior to the surgical procedure.
6. Discuss the medications commonly administered pre-operatively.
   • Tranquilizers
   • Opioid Analgesics
   • Anticholinergics
   • Sedatives and Hypnotics
7. Describe the intra-operative surgical phase and surgical team.
8. Describe the major methods of anesthesia and nursing implications of each type.
   • Local and Regional
   • General
   • Moderate
9. Develop a nursing care plan for the postoperative phase.
10. Identify potential postoperative complications, and interventions to prevent them.
11. List physiological changes which occur in the elderly client that increase the risk factors associated with surgery.
12. Explain discharge planning and teaching specific to postoperative client.
13. Describe the physiologic basis of pain and the factors which influence the client’s responses to pain.
14. Discuss the nursing process as it relates to a client experiencing pain.
15. Explain the special needs of the older adult client with pain.
16. Describe the nursing care involved when caring for a client receiving opioid and nonopioid analgesics for pain.
UNIT TWO: MUSCULOSKELETAL DISORDERS

Theory Objectives: Upon completion of this unit of study the student will be able to:

1. Discuss normal anatomy of the musculoskeletal system.
2. Describe the nursing process as it relates to the musculoskeletal system.
3. Discuss age related changes of the musculoskeletal system.
4. Describe the nurse’s responsibilities for diagnostic tests and procedures used for assessing the patient with connective tissue diseases.
5. Discuss the pathophysiology and care plan for common connective tissue diseases.
   - Osteoarthritis
   - Rheumatoid arthritis
   - Osteoporosis
   - Gout
6. Discuss total joint replacement care.
7. Identify the types and classifications of fractures.
   - Complete
   - Incomplete
   - Greenstick
   - Open or Compound
   - Stress
8. Identify the stages of the healing process of a fracture.
9. Identify the signs and symptoms of the major complications of fractures.
10. Compare the types of medical treatment for fractures.
11. Describe therapeutic treatments for fractures.
12. Discuss the nursing process as it relates to individual types of fractures.
13. Identify clinical indications for amputations.
14. Discuss the different types of amputations.
   - Closed
   - Open
15. Discuss the medical/surgical management of a client undergoing amputation and a nursing care plan related to these clients.
UNIT THREE: EYE, EAR, NOSE, AND THROAT DISORDERS

Theory Objectives: At completion of this unit of study the student will be able to:
1. Discuss the normal structures and functions of the eye.
2. Discuss age related changes of the eye.
3. Identify the nursing responsibilities for clients having diagnostic tests and procedures to diagnose eye disorders.
4. Describe the nursing care of clients who require common therapeutic measures for eye disorders.
5. List measures to reduce the risk of eye injuries.
6. Describe the pathophysiology, signs and symptoms, diagnosis, treatment, and nursing care of selected eye conditions.
   - Myopia
   - Hyperopia
   - Astigmatism
   - Presbyopia
   - Retinal detachment
   - Glaucoma
   - Cataracts
7. Discuss age related changes of the ear.
8. Discuss drug therapy used to treat eye disorders.
9. Discuss the normal structures and functions of the ear.
10. Identify the nursing responsibilities for clients having diagnostic tests and procedures to diagnose disorders of the ear, hearing, or balance.
11. Explain the nursing care for clients receiving common therapeutic measures for disorders of the ear, hearing, and balance.
12. Describe the pathophysiology, signs and symptoms, diagnosis, treatment, and nursing care for selected disorders of the ear.
   - Otitis media
   - Otosclerosis
   - Labyrinthitis
   - Ménière’s Disease
13. List measures to reduce the risk of hearing impairment.
14. Describe the normal structures and functions of the nose, sinuses, and throat.
15. Discuss age related changes of the nose, sinuses, and throat.
16. Identify the nursing responsibilities for the clients having diagnostic tests and procedures to diagnose disorders of the nose, sinuses, and throat.
17. Explain the nursing care of clients receiving common therapeutic measures for the nose, sinuses, and throat.
18. Identify the pathophysiology, signs and symptoms, diagnosis, treatment, and nursing care of selected disorders of the nose, sinuses, and throat.
   - Sinusitis
   - Rhinitis
   - Coryza
   - Pharyngitis
   - Laryngitis
UNIT FOUR: VASCULAR DISORDERS

Theory Objectives: At the completion of this unit of study the student will be able to:

1. Discuss the normal structure and function of the peripheral vascular system.
2. Identify nursing responsibilities for the client having diagnostic tests and procedures used to diagnose select vascular disorders.
3. Describe the pathophysiology, signs and symptoms, diagnosis, and treatment for selected vascular disorders. 
   - Arterial Embolism
   - Peripheral Arterial Disease
   - Raynaud Disease
   - Aneurisms
   - Varicose Veins
   - Venous Thrombosis
   - Venous insufficiency
4. Implement the nursing process in the identified vascular disorders.

COURSE REQUIREMENTS and/or COMPREHENSIVE EVALUATION:

This course is a requirement to receive a certificate of completion in the Practical Nursing program. This course introduces basic concepts related to caring for the adult medical and surgical patient. Students are required to attend class and complete 4 closed-book unit exams. The average of the unit exams will constitute 70% of the students’ final grade. A final comprehensive exam will be administered resulting in 20% of their final grade. Unit study guides are required for each unit resulting in 10% of the grade. The student must obtain a minimum average of 78% over all assessments measures to pass the course.

CRITERIA FOR DETERMINING FINAL COURSE GRADE

Four (4) Unit Exams…………………50 points each (total of 200 points)………….70%
Four (4) Study Guides……………….50 points each (total of 200 points)………….10%
Comprehensive Final Exam ...........100 points........................................20%
500 points 100%

At the end of the course, the points will be converted to a percent.
Final course grades are based on the following letter scale:

92-100 = A
83-91 = B
78-82 = C
70-77 = D
below 70=F

b. There will be NO rounding of grades, i.e., a 75.8 = 75%.

c. A final course grade of C (78%) is required to continue in the program.
d. A math exam will be given at the beginning of the clinical quarter. The student must obtain a 100% on the math exam to pass the clinical portion of the class. The student will have 3 attempts to attain the 100% on a math exam. If not attained on 3rd attempt, the student may withdraw from the course per college policy. [See student withdrawal section below]

e. The student must achieve 78% [overall] to pass the course. The student must also maintain a passing grade in clinical practicum to pass the course. To satisfactorily complete a nursing course, the student must receive a 'C' (78%) or above in theory and a satisfactory in clinical. Failure by a student in either theory or clinical will necessitate repeating the complete course (both theory and clinical components). Failure in clinical = “F” as course grade, regardless of theory grade.

### COURSE OBJECTIVES/ASSESSMENT MEASURES:

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<th>Student Learning Outcomes</th>
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Clinical evaluation  
Study guides |
| 2. Identify the qualities of the nurse in the learner role with responsibility and accountability for foundational nursing practice and an awareness of the need for continued personal learning and self development. [EOP SLO #5]{Clinical: Obj II} | Unit exams  
Clinical evaluation  
Study guides |
| 3. Examine foundational caring behaviors and the use of nursing process to implement therapeutic interventions in the delivery of nursing care to clients. [EOP SLO #1, #3]{Clinical: Obj III,} | Unit exams  
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Study guides |
| 4. Utilize foundational knowledge from nursing and related disciplines to make guided clinical judgments with individuals according to their lived experience and within the context of health for the purpose of wellness promotion. [EOP SLO #3, 5, 6]{Clinical: Obj IV} | Unit exams  
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| 5. Identify as a learner, how collaboration with other health professionals contributes to the foundational nursing care of clients with selected health needs in | Unit exams  
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