

# Nursing in Health and Illness II

## Class

VNSG 1509

Introduction to health problems requiring medical and surgical interventions. CIP Code Description: 51.3901 VNSG 1509 (Licensed Practical/Vocational Nurse Training) 80 Hours, 5 Credit Hours.

## Course Learning Objectives

Compare and contrast normal physiology of body systems to pathologic variations in the patient with medical-surgical health problems; evaluate and treat patients with medical-surgical health problems using the nursing process including nutrition, pharmacological therapy, and principles of safety (WECM, 2014)

1. Apply nursing implications indicated by specific drug therapy, especially as relates to prototype drugs. (DECS II: B-G, III: A-C; SCANs C5, C6,C7,C9 )
  - a. Demonstrate knowledge of selected medications.
    1. Recognizes classification of medication.
      1. Able to identify a drug in the generic and trade name
      2. Recognize the action of the medication.
      3. Demonstrates understanding of the indication for use of the medication in relation to the patient's disease process.
      4. Understand pharmacokinetics, including onset of action, duration, halflife, and the peak effect, when known.
      5. Demonstrates knowledge of medication side effects.
    - b. Recognize appropriate nursing actions as they pertain to specific drug therapy (especially prototype drugs). (DECs: IIC,F; IIIB,C; IVA, B, D SCANs C5, C6,C7,C9)
      1. Assess patient's knowledge level of the medication.
        1. Assess appropriate lab levels prior to medication administration.
        2. Assess appropriate vital signs as indicated.
        3. Evaluate the level of effectiveness after medication administration.
        4. Demonstrate appropriate documentation.
      2. Recognize needed interventions with toxic or overdose of medications.

Describe the vocational nurse's role in patient teaching with drug therapy (especially prototype drugs). (DECs: IA, IIG,H; IIIB SCANs C5, C6,C7,C9; )

        1. Demonstrate ability to select appropriate patient teaching for specific medications.
          1. Verbalize knowledge of resources for patient teaching information.
          2. Evaluate effectiveness of patient's understanding for safety factors in home setting with medication administration, including prescription and over-the-counter drug therapy
          3. Demonstrate understanding of significance of diet therapy in relation to the medication & awareness of potential food/drug interactions in prototype drugs. (DECs I-D, IIA,F; SCANs C5, C6,C7,C9 )
      3. Compare and contrast normal physiology of body systems to pathologic variations in the client with medical-surgical health problems (DECs II-B,C; SCANs C5, C6, C7, C9)
        1. Describe the differences between normal and abnormal variations within the following systems: endocrine, integumentary, respiratory, urinary, cardiovascular, gastrointestinal and musculoskeletal.
        2. Identify fundamental principles of disease prevention and health promotion/restoration for patients with selected pathologic conditions.
        3. Apply steps of a systematic process in clinical decision-making that includes the vocational nursing scope of practice in focused assessment, planning and implementation for case studies and selected situations.
        4. Recognize designated diagnostic exams for selected conditions and the nursing responsibilities necessary.

4. Evaluate and recognize treatment for patients with medical surgical health problems using the nursing process including nutrition, pharmacological therapy, and principles of safety. (DECs II-A, B; SCANS C5, C6, C7, C8, C9, C11-17)
  1. Utilize a systematic problem solving process in the care of patients with variations in the following systems: endocrine, integumentary, respiratory, urinary, cardiovascular, gastrointestinal and musculoskeletal system.
  2. Use clinical reasoning process to identify the appropriate diet and/or dietary modifications for a patient with the conditions of the above systems.
  3. Identify correct nursing interventions for a patient with a medical-surgical medical diagnosis using a clinical reasoning process.
  4. Recognize established approaches that guide nursing practice for selected simulated situations or case studies.
  5. Recognize the need for use of measures to promote quality and a safe environment for clients, self and others.
  6. Utilize knowledge of growth and development when selecting nursing interventions for selected situations.
5. Demonstrate competency in using technology to support activities for patient care. (DEC

IV B, E, SCANS C18, C19, C20)

1.
  1. Utilize current technology-based information and communication systems
  2. Applies technology skills including Microsoft office, communication electronically via learning management system (LMS) and email, and accessing electronic online resources.

### **Required Textbooks**

Foundations and Adult Health Nursing 8<sup>th</sup> ed., Cooper, K. & Gosnell, K. (2019)

Foundations and Adult Health Nursing Study Guide 8<sup>th</sup> ed., Cooper, K. & Gosnell, K., (2019)

19 Fall Elsevier Adaptive Quizzing for Foundations and Adult Health Nursing – Classic Version, 8<sup>th</sup> Edition

HESI PN Case Studies with Practice Test – Classic Version, 1<sup>st</sup> Edition

HESI Student Access to take periodic assessment exams-current year

Saunders Comprehensive Review for the NCLEX-PN Examination, 7<sup>th</sup> Edition

### **Evaluation Standards**

Cognitive evaluation will include unit exams, quizzes, assignments, a comprehensive final exam and a HESI exam. Scheduled homework assignments will be accepted only on the due date/time for full grading consideration. Scheduled homework assignments will only be accepted on the student's first day back on campus (before the first scheduled class of the day) if absent on the date the assignment is due. Fifteen (15) points will be deducted for late assignments. On-line assignments must be completed & submitted during the published open period. Failure to submit electronically during the published open time frame will result in a score of "0". All scheduled assignments are due at the beginning of the class period unless otherwise stated and are expected to be original, independent work unless otherwise directed by the instructor. Each scheduled assignment should be neat and legible, with correct spelling and grammar. Sources should be cited in APA format when indicated.

Failure to submit any assignment will result in a zero (0) being recorded for that assignment. However, if absent on the day of an unannounced quiz or an in-class assignment the student will have the opportunity to complete the activity and submit for a reduced grade. (15 points will be deducted). This assignment must be completed and submitted within 48 hours after the student's first return to campus.

There are no provisions for individual make-up work or extra credit in this course.

Exams should be taken as scheduled. No quiz/exam, nor the final, may be taken early. If an exam is missed, the student will be allowed to take a make-up exam on the first day the student returns to campus following the absence. It is the student's responsibility to contact the instructor(s) and arrange a time for the make-up exam outside of class time on the student's first day back on campus. Fifteen (15) points will be deducted for all late exams.

Failure to take any Unit Exam or the Final Exam will result in a grade of zero (0) being recorded. The instructor will provide specific information during this course for exams.

A total of 2 absences are allotted for this course during the semester. Anytime a student is not in attendance, in the classroom, during class time for more than 10 minutes will have an absence recorded. Absences greater than a total of two will result in a 10% reduction of the final course grade.

**Exam Procedures:**

The Weatherford College Vocational Nursing Program exam policy, which can be found in the VNP Student Handbook, will be followed for this course.

Students are encouraged to review the rationale of questions for computerized tests immediately after submitting the exam.

Students that score less than 75% on an exam are encouraged to meet with the instructor to identify strategies for improvement of exam scores. Please see course schedule for exam dates.

Final course grades are calculated to the nearest whole number. Any score less than 74.5 cumulative for the course will result in a failing grade.

**Grading:**

Assignments	20%
Quizzes	20%
Unit Exams	50%
Final/HESI	10%
<b>Total Evaluation</b>	<b>100%</b>
A= 89.5 to 100	
B = 79.5 to < 89.5	
C = 74.5-to <79.5	
F = <74.5	

**Absences**

Two absences are allowed for this course. More than two absences will result in a 10% final grade reduction for each additional absence. The clinical instructor and the assigned clinical agency should be notified prior to the beginning of the clinical shift if absent.

Final course grades will be calculated to the nearest whole number. Anything less than a 74.5 will be considered a failing grade.

Clinical experiences may be scheduled between the hours of 5:30 A.M and 11:30 P.M. Times for clinical experiences will vary and may include 8 or 12- hour shifts. When in hospital clinical, the student will have thirty (30) minutes for lunch. Each student must ask permission from the instructor and the charge nurse if he/she wishes to leave the unit. The student is not allowed to leave the 20 clinical unit during the clinical shift, unless otherwise specified by the instructor, failure to do so will result in a section 1 (g) offense. Clinical during the first and second semesters are scheduled for 8-hr shifts, two days per week. Third semester clinical can be 8 or 12-hour shifts, two or three days per week. 3. Clinical experiences require students to travel to sites away from the college campus. Clinical sites include hospitals and other health care facilities in Mineral Wells, Stephenville, Weatherford, Willow Park, Millsap, Fort Worth as well as Decatur, Jacksboro, Granbury and Bridgeport. Other Locations may be used if deemed necessary for

student learning. Students must be prepared to drive to any of these locations for clinical. 4. The nursing faculty will determine clinical assignments, depending upon the learning environment, availability of clinical resources and needs of the students.

### **Instructional Methods**

Guided clinical practice in a variety of settings: acute care, long-term care, community clinics, physician offices, simulated activities, clinical conference and group discussion, and online resources. Clinical Simulation, Basic and Advanced Nursing Skills may utilize low, moderate or high fidelity simulation types as defined by the Texas BON rule 214 and 215.

### **Disabilities**

#### **ADA Statement:**

Any student with a documented disability (e.g. learning, psychiatric, vision, hearing, etc.) may contact the Office on the Weatherford College Weatherford Campus to request reasonable accommodations. *Phone:* 817-598-6350 *Office Location:* Office Number 118 in the Student Services Building, upper floor. *Physical Address:* Weatherford College 225 College Park Drive Weatherford, TX.

### **Academic Integrity**

Academic Integrity is fundamental to the educational mission of Weatherford College, and the College expects its students to maintain high standards of personal and scholarly conduct. Academic dishonesty of any kind will not be tolerated. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials including unauthorized use of Generative AI. Departments may adopt discipline specific guidelines on Generative AI usage approved by the instructional dean. Any student who is demonstrated to have engaged in any of these activities will be subject to immediate disciplinary action in accordance with institutional procedures.

### **SCANS**

Essential Competencies (DECS) & Secretaries Commission of Achieving Necessary Skills Differentiated (SCANS) will be aligned throughout the syllabus. Differentiated Essential Competencies of Graduates of Texas Vocational Nursing Educational programs and SCANS competencies can be accessed from [Texas Board of Nursing](#). SCANS information can be obtained from the document [Identifying and Describing The Skills Required by Work](#) published by The Secretary's Commission on Achieving Necessary Work Skills.

# Texas Board of Nursing DECS

## I. Member of the Profession

A. Function within the nurse's legal scope of practice and in accordance with regulation and the policies and procedures of the employing health care institution or practice setting. B. Assume responsibility and accountability for the quality of nursing care provided to patients and their families.

C. Contribute to activities that promote the development and practice of vocational nursing. D. Demonstrate responsibility for continued competence in nursing practice, and develop insight through reflection, self-analysis, self-care, and lifelong learning.

## 2. Provider of Patient-Centered Care

1. Use clinical reasoning and knowledge based on the vocational nursing program of study and established evidence-based practice as the basis for decision-making in nursing practice. B. Assist in determining the physical and mental health status, needs, and preferences influenced by culture, spirituality, ethnicity, identity, and social diversity of patients and their families, and in interpreting health-related data based on knowledge derived from the vocational nursing program of study.

1. Report data to assist in the identification of problems and formulation of goals/outcomes and patient-centered plans of care in collaboration with patients, their families, and the interdisciplinary health care team.

2. Provide safe, compassionate, basic nursing care to assigned patients with predictable health care needs through a supervised, directed scope of practice.
  3. Implement aspects of the plan of care within legal, ethical, and regulatory parameters and in consideration of patient factors.
  4. Identify and report alterations in patient responses to therapeutic interventions in comparison to expected outcomes.
  5. Implement teaching plans for patients and their families with common health problems and well-defined health learning needs.
  6. Assist in the coordination of human, information, and physical resources in providing care for assigned patients and their families.
3. Patient Safety Advocate
1.
    1. Demonstrate knowledge of the Texas Nursing Practice Act and the Texas Board of Nursing Rules that emphasize safety, as well as all federal, state, and local government and accreditation organization safety requirements and standards.
    2. Implement measures to promote quality and a safe environment for patients, self, and others.
    3. Assist in the formulation of goals and outcomes to reduce patient risks.
    4. Obtain instruction, supervision, or training as needed when implementing nursing procedures or practices.
    5. Comply with mandatory reporting requirements of the Texas Nursing Practice Act. F. Accept and make assignments that take into consideration patient safety and organizational policy.
4. Member of the Health Care Team
1. Communicate and collaborate in a timely manner with patients, their families, and the interdisciplinary health care team to assist in the planning, delivery, and coordination of patient-centered care to assigned patients.
    1. Participate as an advocate in activities that focus on improving the health care of patients and their families.
    2. Participate in the identification of patient needs for referral to resources that facilitate continuity of care, and ensure confidentiality.
    3. Communicate patient data using technology to support decision-making to improve patient care.
    4. Assign nursing activities to LVNs or unlicensed personnel based upon an analysis of patient or work place need.
    5. Supervise nursing care by others for whom the nurse is responsible.
    6. Assist health care teams during local or global health emergencies or pandemics to promote health and safety, and prevent disease.