

**VNSG 1227 – Essentials of Medication Administration**  
**Frank Phillips College**

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**General Course Information**

Credit Hours: 2

Career/Technical Education Course

**Prerequisite**

Admission into Licensed Vocational Nursing Program

**Course Description**

General principles of medication administration including determination of dosage, preparation, safe administration, and documentation of multiple forms of drugs. Instruction includes various systems of measurement.

THECB Approval Number.....51.3901.0000

**End-of-Course Outcomes**

1. Demonstrate accurate dosage calculation.
2. Demonstrate safe medication administration.
3. Accurately document medication administration.

**Differentiated Essential Competencies (DEC)**

**ROLE: Member of the Profession:**

- A. Function within the nurse’s legal scope of practice and in accordance with the policies and procedures of the employing health care institution or practice setting.

Expected Outcomes:

1. Become familiar with:
  - a. Texas Nursing Practice Act.
  - b. Texas Board of Nursing Rules, Position Statements, and Guidelines.
  - c. Federal, state, or local laws, rules, regulations affecting nursing practice.
2. Recognize the nursing scope of practice in relation to delegated medical acts and facility policies.
3. Understand the standards and guidelines from professional organizations.
4. Be aware if facility policies and procedures.

- B. Assume responsibility and accountability for the quality of nursing care provided to patients and their families.

Expected Outcomes:

1. Become familiar with:
  - a. The Texas Board of Nursing Standards of Practice.
  - b. The National standards of vocational nursing practice and care.
  - c. The National Federation of Licensed Nurses Code of Ethics.
  - d. The Advocacy process.
2. Develop an understanding of legal parameters of vocational nursing practice and the Texas Nursing Practice Act, including Safe Harbor.
3. Recognize the issues affecting the vocational nurse role and the delivery of culturally sensitive care to patients and their families.
4. Promote continuing competency and professional development.
5. Develop a self-evaluation, staff evaluation, and peer evaluation process.
6. Develop an understanding of employment setting policies and procedures.
7. Recognize:
  - a. Professional characteristics and values such as altruism, human dignity, truth, justice, freedom, equality, and esthetics.
  - b. Aspects of professionalism including attention to appearance and demeanor.
  - c. Communication techniques to maintain professional boundaries.
8. Become familiar with principles of quality improvement.

C. Contribute to activities that promote development and practice of vocational nursing.

Expected Outcomes:

1. Become familiar with the historical evolution of nursing practice.
2. Recognize issues affecting the development and practice of vocational nursing.
3. Recognize the role of vocational nursing organizations, regulatory agencies, and health care organizations.
4. Become aware of the factors affecting the public image of nursing.
5. Become familiar with the distinctions between the evolving vocational and professional nursing roles.

D. Demonstrate responsibility for continued competence in nursing practice, and develop insight through reflection, self-analysis, self-care, and lifelong learning.

Expected Outcomes:

1. Become familiar with the Texas Board of Nursing Rules for continuing competence.
2. Recognize tolls, and processes to assess vocational learning needs.
3. Develop lifelong opportunities to facilitate continuing competence (e.g., certifications, and educational articulation/mobility).
4. Recognize changing roles and competencies in vocational nursing.

## **ROLE: Provider of Patient-Centered Care:**

- A. Use clinical reasoning and established evidence-based policies as the basis for decision making in nursing practice.

### Expected Outcomes:

1. Develop a systematic problem-solving process in the care of patients and their families.
2. Become familiar with:
  - a. Priority setting based on patient health status and individual characteristics.
  - b. Clinical reasoning processes.
3. Recognize the application of current literature, available work setting resources, and evidence-based practice to assist in decision making.
4. Recognize resources from scientifically valid sources.

- B. Assist in determining the physical and mental health status needs, and preferences of culturally, ethnically, and socially diverse patients and their families based on interpretation of health-related data.

### Expected Outcomes:

1. Become familiar with steps of a systematic process in clinical decision-making that includes vocational nursing scope of practice in focused assessment, planning, implementation, and evaluation.
2. Be aware of the components of focused nursing assessment.
3. Recognize structured data collection tools and techniques of assessment of patients including interviewing.
4. Become familiar with characteristics, concepts, and processes related to patients, including: gross anatomy; basic physiology and pathophysiology; psychosocial growth and development; basic psychopathology; ethical reasoning; and major cultural and spiritual belief and practices related to health, illness, birth, death, and dying.
5. Recognize the cultural differences of patients across the lifespan.
6. Recognize the characteristics concepts, and processes related to transmission of common communicable diseases, including individual risk factors and preventive health practices.
7. Become familiar with common disease processes, medication administration, and other therapies and treatments.\
8. Become aware of the introduction to established approaches that guide nursing practice.
9. Recognize family processes that impact health.
10. Develop an application of clinical technology in the delivery of safe patient care and documentation.

11. Be familiar with the introduction to patients with multiple health care problems.
12. Recognize political, economic, and societal forces affecting health care of individuals.

C. Provide safe, compassionate, basic nursing care to assigned patients with predictable health care needs through a supervised, directed scope of practice.

Expected Outcomes:

1. Become familiar with:
    - a. Components of compassionate, patient-centered care.
    - b. Standards of Care, Standards of Practice, institutional policies and procedures for delivery of nursing care.
    - c. Professional ethics.
    - d. Professional characteristics and values such as altruism. Human dignity, truth, justice, freedom, equality, and esthetics.
  2. Be aware of characteristics, trends, and issues of health care delivery.
  3. Recognize:
    - a. Basis for determining nursing care priorities in patient care.
    - b. Principles of decision-making.
  4. Become familiar with scope of responsibilities and accountability for supervision and collaboration.
  5. Become familiar with the channels of communication for decision-making processes within work settings.
  6. Assume accountability and responsibility for nursing care through a directed scope of practice under the supervision of a registered nurse, advanced practice registered nurse, physician assistant, or dentist using standards of care and professional values.
- D. Implement aspects of the plan of care within the legal, ethical, and regulatory parameters and in consideration of patient factors.
1. Become familiar with the common health practices and behaviors of patients and their families related to developmental level, gender, culture, belief system, and the environment.
  2. Recognize methods of therapeutic communication.
  3. Become familiar with rights and responsibilities of patients related to health care and basic advocacy.
  4. Be aware of basic physiological and mental health aspects of nursing interventions.
  5. Recognize principles and factors that contribute to the maintenance or restoration of health and prevention of illness.
  6. Become familiar with:
    - a. Properties, effects, and basic principles underlying the use and administration of pharmacotherapeutic agents, including patient's responsibilities.
    - b. Effects of misuse of prescription and nonprescription medications and other substances.

7. Develop coping mechanisms for managing stress and identifying resources for crisis management.
8. Become familiar with the vocational nurse ethics and patient's rights.
9. Be aware of the legal parameters of vocational nursing practice and health care.
10. Become aware of the available intradisciplinary and interdisciplinary resources within the employment setting.
11. Be aware of the key federal and state statutes and institutional policies regarding patient confidentiality.
12. Be familiar with nursing interventions to implement plan of care.
13. Implement clinical reasoning in the delivery of care to patients with predictable health care to patients with predictable health care needs using knowledge from the vocational nursing program.

E. Identify and report alterations in patient responses to therapeutic interventions in comparison to expected outcomes.

Expected Outcomes:

1. Develop mechanisms to evaluate specific nursing interventions and patient outcomes.
2. Become familiar with factors indicating changes that have potential for life-threatening consequences based on knowledge of life sciences.
3. Recognize basic performances improvement activities in patient care delivery.

F. Implement teaching plans for patients and their families with common health problems and well defined health learning needs.

Expected Outcomes:

1. Become familiar with lifespan development and common situated variables affecting learning, such as stress, pain, and fear.
2. Be aware if basic principles of teaching/learning process.
3. Recognize resources that support patient health care knowledge, decision-making, and self-advocacy.

### **ROLE: Patient Safety Advocate**

A. Demonstrate knowledge of the Texas Nursing Practice Act and the Texas of Nursing Rules that emphasize safety, as well as all federal, state, and local government and accreditation organization safety requirements and standards.

Expected Outcomes:

1. Become familiar with the Texas Nursing Practice Act and Texas Board of Nursing Rules.
2. Recognize National Standards of Nursing Practice.

3. Become aware of federal, state, and local government and accreditation organizations' safety requirements and standards.
4. Become familiar with facility policies and procedures.
5. Recognize facility licensing agency or authority standards.
6. Become familiar with the principles of quality improvement.

B. Implement measures to promote quality and a safe environment for patients, self, and others.

Expected Outcomes:

1. Recognize the principles of patient safety including safe patient handling.
2. Recognize methods for promoting safety in the patient care environment consistent with current standards and guidelines.
3. Become familiar with the role in safety and risk management for patients and others.
4. Become aware of principles of a culture of safety including safe disposal of medications and hazardous materials.
5. Become familiar with the Texas Board of Nursing Rules related to mandatory reporting, Safe Harbor, and "Whistleblower" protection.

### **ROLE: Member of the Health Care Team**

A. Communicate and collaborate 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.

Expected Outcomes:

1. Become familiar with:
  - a. Structure and function of the health care delivery system.
  - b. Roles of interdisciplinary health care team members.
2. Develop methods of effective communication and cooperation.
3. Recognize:
  - a. Strategies to deal with situational change.
  - b. Roles of all levels of nursing and other health care professionals.
4. Become familiar with:
  - a. Patient advocacy and consumer rights and responsibilities.
  - b. Legal and ethical processes related to health care.
5. Be familiar with contribution of evidence-based practice in development of health care and quality improvement.

B. Participate as an advocate in activities that focus on improving the health care of patients and their families.

Expected Outcomes:

1. Recognize:
  - a. Rights and responsibilities of patients regarding health care, including self-determination and right to refusal.
  - b. Current legal factors relating to safeguarding patient rights.
2. Become familiar with:
  - a. Individual responsibility for quality of nursing care.
  - b. Role of the nurse as patient advocate for patients and their families.
3. Become aware of the:
  - a. Role of the nurse in quality improvement process.
  - b. Peer review committee.
  - c. Knowledge of reliable online sites for quality health care data.
4. Recognize responsibility for reporting to licensing and public protective agencies, which may involve mandatory reporting.

C. Participate in the identification of patient needs for referral to resources that facilitate continuity of care, and ensure confidentiality.

Expected Outcomes:

1. Become familiar with work setting and major community resources.
2. Recognize the role of the case manager.
3. Be aware of the role of the family and significant others in providing support to the patient.
4. Recognize the:
  - a. Functions of members of the interdisciplinary health care team.
  - b. Confidentiality regulations (e.g., HIPPA)
5. Recognize the need for patient referrals to promote continuity of care.
6. Become aware of issues in current treatment modalities.
7. Be aware of the cost of health care services.
8. Become familiar with the organizational and local resources for health promotion, maintenance, and restoration.

D. Communicate and collaborate in a timely manner with members of the interdisciplinary health care team to promote and maintain optimal health status of patients and their families.

Expected Outcomes:

1. Become familiar with the principles of communication with patients, their families, and the interdisciplinary health care team.
2. Recognize principles of interpersonal conflict management, problem solving, data collection, and basic time management skills.
3. Become aware of the functions of the interdisciplinary health care team members.
4. Become familiar of the principles and strategies of situational changes.

## Methods of Evaluation

Category	Percentage
Daily Grades	15%
Major Exam Grades	50%
Skills Exam	15%
HESI	20%
Total	100%

In order to be eligible to take the FINAL-HESI, the student must have an EXAM average of 75 or higher.

In order to continue in the nursing program, a FINAL grade average of 75 must be obtained.

Note: Daily grades may be pop-quizzes, article summaries, or any other assignment deemed fit to enhance your understanding, education, and respect of administering drugs.

\*If you miss a class period in which a daily grade is collected, you will automatically receive a grade “O” for that day. It is imperative you attend class regularly in order to grasp mathematical concepts, and adhere to the rules of attendance according to the Frank Phillips College Vocational Nursing Handbook and Guidelines.

**Frank Phillips College Vocational Nursing Program Grade Scale: A - 92-100**  
**B - 83-91**  
**C - 75-82**  
**D - 60-74**  
**F - Below 60**

### Academic Honesty and Integrity

Students attending Frank Phillips College are expected to maintain high standards of personal and scholarly conduct. Academic dishonesty including, but not limited to, cheating, collusion (working with anyone else to produce work for which you take credit without the professor’s permission), utilizing resources such as books and notes for a test without the professor’s permission, and plagiarism is considered a serious offense and may result in disciplinary actions including:

- A grade of 0 for the test or assignment
- A semester grade of F for the course
- Administrative withdrawal from the course
- Academic suspension
- Notation of the student’s transcript of “Academic Dishonesty.”
- \*\*\*Faculty members have the right to assign a failing grade to a student who is guilty of academic dishonesty at any point during a semester. Faculty members may prohibit a student from dropping a course when academic dishonesty is discovered. However, if a

student has dropped the course in accordance with the rules and dates applied to dropping a course and prior to the discovery of academic dishonesty, the grade of W will stand. Students currently enrolled in a course and students who have completed a course (A, B, C, D, CT, and I) may have a grade changed to an F if academic dishonesty is discovered. The faculty member must notify the student of the change to the final grade within one week of facilitating the change. The student will have the opportunity to appeal the final grade change according to the college policy stated in the catalog.

### **Class Attendance**

Regular attendance is necessary for satisfactory achievement. Therefore, it is the responsibility of the student to attend class in accordance with requirements of the course as established by the instructor.

Students will be excused from class without penalty when either representing the college in an approved activity or having an approved reason for not attending. Reasons for absences must be approved by the instructor of the course. These exceptions do not relieve the student of the responsibility of making up the missed work as designated by the instructor concerned.

**Students who enroll in one or more college-preparatory course(s) because of TSI deficiency will be administratively withdrawn from all classes if the course in which they are excessively absent is their only preparatory course.** For a student enrolled in more than one preparatory course, the student may be dropped from only the course affected by absences.

Any student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day, provided that proper notification of the absence is given to the instructor of the course missed. The student should notify the instructor within the first fifteen (15) days of the semester that he or she intends to be absent on the specified holy day.

### **Cell Phones and Other Electronic Devices Procedure:**

Cell phones and electronic devices in the classroom create a distraction for both students and faculty. Cell phones are also considered suspicious during test taking. Therefore, Frank Phillips College outlines the procedure for handling cell phone usage in a classroom as follows:

1. **First Offense:** the student will be warned verbally by the instructor to turn off the cell phone or electronic device or by appropriate administrative personnel at distance sites. The instructor will make a notation of the infraction.
2. **Second Offense:** the student will be asked to leave the class period for the day and will receive zeroes for any work done in class on that day; a student receiving instruction through remote connection at an off-campus site will be required to attend the class face to face in Borger from this class date forward.
3. **Third Offense:** the student will be administratively withdrawn from the class in which the infraction occurred and will receive no refund for the class.

Students should leave the college's main number with an appropriate contact in case of an emergency.

Borger: (806) 457-4200, ext. 0 or 886-5047 after hours

Dalhart: (806) 244-7669

Perryton: (806) 648-1450

### **Grievance Policy**

If you have a dispute concerning your grade or policies in this class, it is your responsibility to FIRST contact the instructor, either by e-mail or in person, to discuss the matter. Should things remain unresolved after this initial contact, please follow the procedures described in the Academic Policies section of the Frank Phillips College Catalog. In the vast majority of cases, the matter can be resolved at the instructor/student level, and learning to communicate your concerns in a civilized manner is part of the college experience.

### **Important Information**

Frank Phillips College is a Microsoft Office Campus. You must submit your electronic assignments in Microsoft Office programs only. If you do not have Microsoft Office, you may use one of the computer lab sites on campus for your class work.

### **Scans/Or Core Competencies That Will Be Addressed in the Class**

#### **Resources:**

Allocates Time

Allocates Money

Allocates Material & Facility Resources

#### **Information:**

Acquires & Evaluates Information

Organizes & Maintains Information

Uses Computers to Process Information

#### **Interpersonal:**

Participates as a Member of a Team

Teaches Others

Serves Clients/Customers

Exercises Leadership

Negotiates to Arrive at a Decision

Works with Cultural Diversity

#### **Thinking Skills:**

Creative Thinking

Decision Making

Problem Solving

Seeing Things in the Mind's Eye

Knowing How to Learn

Reasoning

**Technology:**

Selects Technology

Applies Technology

Maintains & Troubleshoots Technology

**Systems:**

Understands Systems

Monitors & Corrects Performance

Improves & Designs Systems

**Basic Skills:**

Reading

Writing

Arithmetic

Mathematics

Listening & Speaking

**Personal Qualities:**

Responsibility

Self-Esteem

Sociability

Self-Management

Integrity/Honesty