

VNSG 1227 ESSENTIALS OF MEDICATION ADMINISTRATION



VOCATIONAL NURSING PROGRAM

VNSG 1227

ESSENTIALS OF MEDICATION ADMINISTRATION

SPRING 2022

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VNSG 1227 ESSENTIALS OF MEDICATION ADMINISTRATION

BRAZOSPORT COLLEGE VOCATIONAL NURSING PROGRAM VNSG 1227 Essentials of Medication Administration

Course Information

1. Course Name: Vocational Nursing Concepts
2. Course Number: VNSG 1227 Essentials of Medication Administration CIP 51.3901 (1 lecture, 1 lab, 2 credits)
3. Classroom: HS 110
4. Class Day(s) & Time: See Daily Schedule

Faculty

Shanna Jones, RN

Office: HS 100-P

Phone: 979-230-3657

Email address: shanna.jones@brazosport.edu

Office hours: Tuesday and Thursday 10 am – 12 pm; Appointments may be requested via email.

After hours: Please allow 1- 2 business days for email response.

Course Description and Core Content

VNSG 1227, essentials of medication administration, is a course that provides 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.

Dosage calculation is an integral part of providing safe and effective nursing care. This course focuses on safe and accurate dosage calculations, medication preparation and administration.

PROGRAM OUTCOMES

Course specific competencies and learning outcomes flow from Program Outcomes. Program outcomes are the Differentiated Essential Competencies (DECs), defined and published by the Texas Board of Nursing. (DEC) are defined in four categories; 1) Member of the Profession, 2) Provider of Patient-Centered Care, 3) Patient Safety Advocate, and 4) Member of the Health Care Team. Integral to program and course outcomes are the QSEN Competencies. The QSEN competencies are integrated with DEC competencies throughout the nursing curriculum; progressing from simple to complex.

Minimum safe entry-level nursing practice is assessed by the NCLEX-PN licensure exam. The National Council of State Boards of Nursing (NCSBN <https://www.ncsbn.org>) maintains and revises the NCLEX-PN licensure exam. The NCLEX-PN is revised every three years. Exam revisions are based on comprehensive research of new graduate nurse activities. The NCLEX-PN test blueprint contains weighted assessment categories based on graduate nurse activities. Nurse activities describe expectations, duties, and responsibilities.

https://www.bon.texas.gov/pdfs/publication_pdfs/Differentiated%20Essential%20Competencies%202021.pdf

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I. (DEC) Member of the Profession **(QSEN) Teamwork and Collaboration**

A licensed nurse (LVN) who exhibits behaviors that reflect commitment to the growth and development of the role and function of nursing consistent with state and national regulations and with ethical and professional standards; aspires to improve the discipline of nursing and its contribution to society; and values self-assessment and the need for lifelong learning.

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.
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.

II. (DEC) Provider of Patient-Centered Care: **(QSEN) Patient Centered Care and Evidence Based Practice**

A licensed nurse (LVN) who, based on educational preparation and scope of practice, accepts responsibility for the quality of nursing care and provides safe, compassionate nursing care using a systematic process of assessment, analysis, planning, intervention, and evaluation that focuses on the needs and preferences of patients and their families. The nurse incorporates professional values and ethical principles into nursing practice.

A. 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 of culturally, ethnically, and socially diverse patients and their families based on interpretation of health-related data derived from the vocational nursing program of study.
C. 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.
D. Provide safe, compassionate, basic nursing care to assigned patients with predictable health care needs through a supervised, directed scope of practice.
E. Implement aspects of the plan of care within legal, ethical, and regulatory parameters and in consideration of patient factors.
F. Identify and report alterations in patient responses to therapeutic interventions in comparison to expected outcomes.
G. Implement teaching plans for patients and their families with common health problems and well-defined health learning needs.
H. Assist in the coordination of human, information, and materiel resources in providing care for assigned patients and their families.

III. (DEC) Patient Safety Advocate: **(QSEN) Patient Safety and Quality Improvement**

A licensed nurse (LVN) who promotes safety in the patient and family environment by: following scope and standards of nursing practice; practicing within the parameters of individual knowledge,

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skills, and abilities; identifying and reporting actual and potential unsafe practices; and implementing measures to prevent harm.

A. 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.
B. Implement measures to promote quality and as safe environment for patients, self, and others.
C. Assist in the information of goals and outcomes to reduce patient risks.
D. Obtain instruction, supervision, or training as needed when implementing nursing procedures or practices.
E. Comply with mandatory reporting requirements of the Texas Nursing Practice Act.
<i>*F. Accept and make assignments that take into consideration patient safety and organizational policy.</i>

IV. (DEC) Member of the Health Care Team: (QSEN) Teamwork and Collaboration

A licensed nurse (LVN) who provides patient-centered care by collaborating, coordinating, and /or facilitating comprehensive care with an interdisciplinary/multidisciplinary health care team to determine and implement best practices for the patients and their families.

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.
B. Participate as an advocate in activities that focus on improving the health care of patients and their families.
C. Participate in the identification of patient needs for referral to resources that facilitate continuity of care, and ensure confidentiality.
D. Communicate patient data using technology to support decision-making to improve patient care.
E. Assign Nursing care to Unlicensed personnel based upon an analysis of patient or unit need.
F. Supervise nursing care provided by others for whom the nurse is responsible.
G. Assist health care teams during local or global health emergencies or pandemics to promote health and safety, and prevent diseases.

Learning Strategies

Learning strategies used in the course may include lecture, unfolding case studies, demonstrations, simulation, large and small group work and discussion, guest presentations, web-based activities, exams, quizzes, models, and computer software programs to enhance student learning.

Academic Honesty Policy: Brazosport College assumes that students eligible to perform on the college level are familiar with the ordinary rules governing proper conduct including academic honesty. The principle of academic honesty is that all work presented by you is yours alone. Academic dishonesty including, but not limited to, cheating, plagiarism, and collusion shall be treated appropriately. Please refer to the Brazosport College Student Guide for more information. This is available online at <http://www.brazosport.edu>. Academic dishonesty violates both the policies of this course and the Student Code of Conduct. In this class, any occurrence of academic dishonesty will be referred to the Dean of

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Student Services for prompt adjudication, and may, at a minimum, result in failure of this course. Sanctions may be imposed beyond your grade in this course by the Dean of Student Services.

Title IX Statement: Brazosport College faculty and staff are committed to supporting students and upholding the College District's non-discrimination policy. Under Title IX and Brazosport College's policy FFDA (Local), discrimination based on sex, gender, sexual orientation, gender identity, and gender expression is prohibited. If you experience an incident of discrimination, we encourage you to report it. While you may talk to a faculty or staff member at BC, please understand that they are "Responsible Employees" and must report what you tell them to college officials. You can also contact the Title IX Coordinators directly by using the contact information below. Additional information is found on the Sexual Misconduct webpage at www.brazosport.edu/sexualmisconduct.

Mareille Rolon, HR Coordinator and Title IX Coordinator
Office C-114; 979-230-3303; mareille.rolon@brazosport.edu

Students with Disabilities: Brazosport College is committed to providing equal education opportunities to every student. BC offers services for individuals with special needs and capabilities including counseling, tutoring, equipment, and software to assist students with special needs. For student to receive any accommodation, documentation must be completed in the Office of Disability Services. Please contact Phil Robertson, Special Populations Counselor at 979-230-3236 for further information.

Covid-19 Statement: At Brazosport College, all of us, including faculty, staff and students, share a common goal this fall semester, to keep our classes running in the safest manner possible and avoid any disruption to your progress in achieving your educational and career goals. To that end, we ask and encourage you to conduct yourself in the following manner while on campus this semester:

- Every day, perform a self-health check prior to coming to campus and stay home if sick.
- To the greatest extent possible, maintain your distance between you and other students, faculty, and staff while on campus.
- Wear a properly fitted face covering over your mouth and nose while indoors on campus. If you do not have a mask, they will be available to you in all classrooms this fall.
- Practice good hygiene, washing your hands regularly and/or using hand sanitizer.
- The most effective way to protect yourself from Covid-19 is through vaccination. The vaccine is readily available and at no cost to you. Vaccine information and availability can be found at <https://brazosport.edu/coronavirus/vaccine/>.

If at any time this semester you begin to experience Covid symptoms, or if you are exposed to someone who has tested positive for Covid-19, please take the following steps:

- Stay home if you're feeling sick and minimize your contact with others.
- Alert the College by completing the Covid-19 Exposure Report Form online at <https://brazosport.edu/coronavirus/report/>. Be sure to provide accurate contact information, including a working phone number that you will answer.
- After submitting the report, you will be promptly contacted by a member of our Rapid Response Team, who will ask you some specific questions about your situation and provide you with guidance moving forward.

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- If it is determined that you should not come to class, your instructor will be notified. **Please know that your instructor will consider course adjustments and potential make-up work only if your case has been reported to Brazosport College, and they've been notified by our response team.** Your instructor will work with you to determine how to manage any make-up work.

The Community Health Network (CHN) Clinic at Brazosport College (located in BC Central B-Wing) is scheduled to be open from 8 AM to 6 PM Tuesday through Thursday during the Fall 2021 semester. While walk-ins are available, your visit will be easier if you pre-register by creating an account at www.mychn.org. In addition to providing health and behavioral services, CHN also provides COVID vaccinations and testing. All insurance is accepted and healthcare is provided on a sliding scale including no cost for those who need it.

Throughout the semester, please regularly check the College's Covid-19 information page at <https://brazosport.edu/coronavirus/>, where the latest updates and guidelines will be posted. As members of the BC community, all of us share a responsibility to each other to be as safe as possible.

OTHER STUDENT SERVICES INFORMATION

Information about the Library is available at www.brazosport.edu/~lib/Information.htm or by calling 979-230-3310.

Student Success Center

[Supplemental Instruction Leaders](#) (SI leaders) are located on the second floor of the Sadler Building in HS.224. For more information contact the SI Coordinator: Jenni.Jones@brazosport.edu

FREE TUTORING!! The Student Success Center at Brazosport College offers FREE TUTORING for enrolled BC students.

For more information call the Student Success Center Main Desk at 979-230-3184.

Writing Center

Located within the Student Success Center (second floor of the main building above the counseling and registration office) is the Brazosport College Writing Center. The Writing Center provides drop-in tutoring Monday – Thursday 9 am – 8 pm and Friday 9 am – noon. Online tutoring and other times are available by appointment. The Writing Center can assist with brainstorming, organizing and developing paragraphs, understanding professors' directions, learning about MLA or other styles, learning how to avoid plagiarism, improving mechanics, using Microsoft Word, becoming an even stronger writer, and much, much more. Check out our growing collection on handouts, videos, and other online resources, too.

Math Center

Located within the Student Success Center (second floor of the main building above the counseling and registration office) is the Brazosport College Math Center. The Math Center provides drop-in tutoring Monday – Thursday 9 am – 8 pm and Friday 9 am – noon. The Math Center can assist with transitional math, college algebra, trigonometry, accounting, statistics, calculus, and every other math course offered at the college. Check out our growing collection on handouts, videos, and other online resources, too.

The Student Services provides assistance in the following:

Counseling and Advising	979-230-3040
Financial Aid	979-230-3294
Student Activities	979-230-3355

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To reach the Information Technology Department for computer, email, or other technical assistance call the Helpdesk at 979-230-3266.



Get the information you need – when you need it. Click <http://geni.us/BRAZO> to install **BC Connect** on your mobile device to receive reminders, explore careers, map your educational plan, be in the know about events, find out about scholarships, achieve your goals and much more.

COURSE REQUIREMENTS, EVALUATION METHODS, AND GRADING CRITERIA

Preparation for Class

Students must complete all written and reading assignments prior to class (See course schedule for topics and resources) and be prepared and participate in classroom discussions. Arriving to class without complete preparation may result in earned grade of zero for participation and will be unable to attend class during topic discussion.

EVALUATION METHODS

Content mastery is assessed through written and/or computerized exams, quizzes, written assignments, presentations, normed assessments, critical thinking activities, and application via patient scenarios.

GRADING CRITERIA

Grade Scale

The Brazosport LVN Program uses the following grading scale throughout the program

A = 90-100 B= 80-89 C= 75-79 F= 75 and below

A minimum grade of 75 is required in this course to progress in the LVN Program. Final grades less than 75% are not rounded up (74.9% will not be rounded up to 75%). A grade of 74.9% or less is failing. Grades are earned, not deserved. Grades are not inflated or curved in the nursing program. Students with grade dependent scholarships are responsible for earning required grades. Faculty members will not inflate or adjust grades, or provide special assignments for students with scholarship or other financial return based on grades. Requesting faculty members to adjust grades is considered unprofessional behavior.

Course Grade

The final grade for this course is derived from the following components:

Exams (4)	60%
Final Exam	20%
PLQ / Assignments	20%

Assignments, Class Participation

Students must complete all written and reading assignments prior to class (see course schedule for topics and resources), be prepared, and participate in classroom discussions. Participation will include, but is not limited to, all pre and posttests that are included with assigned module, class notes/outlines, and written assignments. All assignments, notes/outlines, pre and posttests must be presented each class day at the beginning of class. Students are still responsible for turning in the assignment regardless whether the grade resulted in a zero. Failure to turn in the assignment will result in course failure. Arriving to class without complete preparation results in the inability to attend class during topic discussion.

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Remediation Requirements

Students who earn less than 75% on any exam must complete required remediation. Remediation must be completed prior to the next scheduled exam. Students will not be allowed to sit for the subsequent exam if they have not completed remediation. Remediation may vary by chapter, however the following methods may be utilized for remediation: adaptive quizzing, discussion questions, case studies, etc.

In addition to completing the required remediation, students earning less than 75% on any exam must schedule a meeting with the course instructor within 1 week to discuss the exam. Any student who hasn't met with the course instructor for required remediation will not be allowed to sit for the next scheduled exam and will earn a grade of zero on that exam.

Skills Competency (skills involved courses)

Performance outcomes will be evaluated using simulated practice. Requirements for each skill performance are specified on skill checklists. The skill checklist form must be presented to the evaluating instructor at the time the skill is performed. There is a grade or action specified. This grade or action requirement must be met in order for the student to pass the skill. This grade is NOT averaged into the overall grade. Students will be allowed three opportunities to successfully perform the skills. Students must pass all required skills to pass the course.

Skills Check-off Activities (skills involved courses)

Students must successfully pass the following nursing skills in order to be successful in this course:

- Administering an oral medication
- Administering a medication via enteral tube
- Removing medication from a vial and ampule
- Administering an intradermal injection
- Administering a subcutaneous injection
- Administering an intramuscular injection
- Administering a piggyback intravenous infusion
- Mixing insulin

Students will be given 3 attempts to successfully perform each skill.

Students purchase supplies and equipment necessary for simulated practice and skill performance. Students must have all mandated supplies and equipment during practice and skills competency evaluation. Failure to have supplies during practice or evaluation will result in consequences determined by situation and instructor.

If student is absent the day the skill competency evaluation is scheduled the student is responsible for scheduling a time for evaluation the day they return. Skills competency evaluation will be scheduled at the instructor's convenience. In this instance, student will have only one attempt to perform the skill. If student fails to schedule the missed evaluation as described the student may be ineligible to demonstrate competency thus failing the course.

Assignments

All written assignments are DUE the date and time designated by the instructor. No late work is accepted after due date and time. The student is still responsible for turning in the assignment regardless whether the grade resulted in a zero. Failure to turn in the assignment could result in course failure.

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Course Absence Policy: Students may be withdrawn by the faculty member for excessive absence. In this course you may not miss more than **3** days. (Prior notification and extenuating circumstances will be reviewed on a case-by-case basis.) Any conduct violations should be reported to the Dean of Student Services.

Make-up Course work and Exam Policy

Extra credit assignments are not used to increase exam averages and cannot be factored into exam scores.

Students **must** be in seat or ready at computer lab and prepared to begin exams **at least 5 minutes before start time.** All books, papers, computers, purses, phones, hats, drinks, food, gum, and other identified items must not be permitted in the computer lab during testing. No items are permitted on desks during exams, except pens/pencils and a blank sheet of paper. Calculators may be allowed at faculty discretion.

Talking is not permitted and will be treated as academic dishonesty. Students with questions or computer issues should raise their hand and wait for the faculty member proctor.

Once an exam begins, no student may enter the exam room without permission from the instructor. No extra time is allowed for late students. Instructors have the right to close the classroom door and deny admission to late students. Students may **NOT** leave the room once exam begins. Students needing to leave must be accompanied or will be denied re-entry. Extra time is not awarded. Students completing exams should exit quietly and leave area and return to class at time specified by faculty.

Students must notify faculty of absence prior to a missed exam and schedule a make-up exam. Other missed or untaken exams/assessments earn a zero. **No late work will be accepted, but all work must be submitted in order to earn course credit.** Make-up assessments will be administered per instructor preference. Some instructors may require students to schedule testing time in the Learning Center. Students must abide by Learning Center rules. **Exams must be made up the day the student returns to class or clinical.** Makeup exams must not be completed during scheduled class hours. If the exam is not completed according to guidelines, the student earns a zero.

After comprehensive review and analysis, grades are posted. Exam grades are generally posted (ready) at beginning of the subsequent class meeting. Any item challenges must be submitted via email providing item subject, rationale for alternate correct answer, and cited reference for rationale as prescribed in individual course syllabi. Verbal challenges during live test review are not acceptable. Any unprofessional behavior will halt the live review. Exam review may or may not be done during class time. Review format is left to instructor. Faculty decisions are final.

HIPAA

Students are accountable and responsible for maintaining strict confidentiality of patient information. Breach in confidentiality results in disciplinary action and possible dismissal from the nursing program. Patient confidentiality includes oral, written and electronic communication. The Health Insurance Portability and Accountability Act (HIPAA), is a Federal law which prohibits unauthorized disclosure of private patient information. HIPAA provides both civil and criminal penalties for violations that range from fines of \$250,000 and 10 years in prison.

Students should inform family members of the program's privacy policy. Student information of any kind is not discussed or released to any family member. Family, friends, children, relatives, or any other non-program related persons are NOT permitted at college, in class, at clinical, or at any other program event, unless specifically invited.

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REQUIRED TEXTBOOKS AND RESOURCES:

1. Taylor, C., Lynn, P., & Bartlett, J. (2019). *CoursePoint Plus for Fundamentals of Nursing: The art and science of person-centered care* (9th ed.) Philadelphia: Wolters Kluwer. ISBN: 978197512390
2. Nurse Think software / resource materials
3. Dosage 360 software
4. Ford, Susan M. (2022). *Introductory Clinical Pharmacology* (12th ed.) Philadelphia: Wolters Kluwer. ISBN: 978-1-9751-0096-4

Equipment: Reliable access to computer, calculator & high-speed internet, and printer.

Changes to the syllabus may be made at any time at the discretion of the faculty. Student will be notified of the change. Student acknowledgement of the change(s) will be obtained in written form and retained in student permanent file.



Syllabus Receipt Acknowledgement

Essentials of Medication Administration VNSG 1227

I received and read the syllabus, course requirements, required text, equipment, and materials for VNSG 1227 Essentials of Medication Administration.

My questions have been answered and clarified. I will seek clarification if needed. I understand there are no verbal contracts. Instructors may change the syllabus as needed to meet course and program outcomes. I am accountable and responsible for all syllabus information.

Student print name / date

Student sign name / date

Retained in student permanent file