



**RANGER COLLEGE
EARLY, TX**

COURSE SYLLABUS

ESSENTIALS OF MEDICATION ADMINISTRATION

VNSG 1327

3 credit hours

INSTRUCTOR: C. Pack, RN

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OFFICE HOURS: Monday – Wednesday 4pm-5pm; Thursday & Friday by appointment only

I. Texas Core Curriculum Statement of Purpose

Through the Texas Core Curriculum, students will gain a foundation of knowledge of human cultures and the physical and natural world, develop principles of personal and social responsibility for living in a diverse world, and advance intellectual and practical skills that are essential for all learning.

II. 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.

III. Required Background or Prerequisite

Anatomy and Physiology I and CPR certification are required prior to the start of this course.

IV. Required Textbook and Course Materials

Taber's Cyclopedic Medical Dictionary, 22nd Ed., F.A. Davis.

ISBN: 978-0-8036-5904-9

April Hazard Vallerand, PhD, RN, FAAN Cynthia A Sanoski, BS, PharmD, FCCP, BCPS

Davis's Drug Guide for Nurse's 16th. Edition, F.A. Davis Company, Philadelphia,

ISBN 978-0-8036-6945-1

Watkins, C. (2018). *Pharmacology Clear and Simple: A Guide to Drug Classifications and Dosage Calculations, 3e*. FA Davis Company.

ISBN: 978-0-8036-6652-8

V. Course Purpose

To teach course content as outlined in the course description and to enable the student to accomplish the core objectives.

VI. Learning Outcomes

The student will be able to:

1. Demonstrate system conversion and accurate dosage calculation.
2. Discuss the principles of safe medication administration.
3. Identify the elements of accurate documentation of medication administration.

4. Identify properties, effects, and basic principles underlying the use and administration of pharmacotherapeutic agents.
5. Identify legal and ethical parameters of vocational nursing practice and health care as applied to dosage calculation and administration of medication.
6. Identify basic principles of safety as they apply to dosage calculation and medication administration.
7. Identify developmental stages and common situational variables affecting learning, such as stress, pain, and fear, and the basic principles of the teaching/learning process.

VII. Core Objectives

This course meets the following of the six Core Objectives established by Texas:

- ☒ **Critical Thinking Skills (CT)** – Creative thinking, innovation, inquiry, and analysis; evaluation and synthesis of information
- ☒ **Communication Skills (COM)** – effective development, interpretation and expression of ideas through written, oral, and visual communication
- ☒ **Empirical and Quantitative Skills (EQS)** – The manipulation and analysis of numerical data or observable facts resulting in informed conclusions
- ☒ **Teamwork (TW)** – The ability to consider different points of view and to work effectively with others to support a shared purpose or goal
- ☒ **Social Responsibility (SR)** – Intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national, and global communities
- ☒ **Personal Responsibility (PR)** – The ability to connect choices, actions, and consequences to ethical decision-making

VIII. Methods of Instruction

This class may include lectures, discussions, group activities in class, group projects, electronic documents, power points, pre-class activity, ATI, and handouts.

IX. Methods of Assessment

All students must achieve an overall average of 78% or higher to pass this course.

Exams - Three major exams (60 percent of total grade) consisting of basic math skills, dosage Calculation, abbreviation, and conversion and medication administration. Each major test is worth 100 points and will be graded accordingly. Testable material includes content from all components of the program including lecture material, classroom discussions, assignments, activity assignments, ATI, board work, and handouts. Material previously covered may be on subsequent exams.

Exams must be taken when scheduled unless arrangements are made prior to exam with the instructor for an alternate test date. Alternate exams are given at the discretion of the instructor. Alternate exams will automatically be deducted 10 points.

ATI: (10 percent of total grade). Evidence of content practice, attempt and completion of content exams.

Activities: (10 percent of total grade) consisting of questions pertaining to assigned essentials of medication administration and pop quizzes.

Final Exam (20 percent) – There will be a comprehensive exam (75 questions) over all material covered in this course.

Grading Scale: A = 93-100 B = 86-92 C = 78-85 F = 77 and below

****Exam grades will be posted to blackboard within 24-48 hours.****

****Schedule is subject to change.****

X. Course/Classroom Policies

1. Be in the classroom and in your seat before class start time. There is a lot of information to cover and limited time to cover it.
2. Be prepared for each class when you arrive in the classroom. This includes books, computer, notes, completed assignments, pencils, and any necessary supplies.
3. Turn in assignments on time and in the proper manner. Late work will not be accepted.
4. Academic dishonesty according to the Ranger College Handbook is defined as copying from another student's test or academic work, or collaboration with another person in preparing written work for credit. Students who commit any of these offenses will go before the Director of the VN Program and will potentially lead to dismissal from the nursing program. (See the section of the Ranger College for further details.
5. No phones are allowed in the classroom or lab setting, unless used for class activity at the instructor's discretion. If it becomes apparent to the instructor that you have a phone in the classroom or lab, you will be dismissed from class and counted absent for that day.
6. Laptops will be used to access your ATI learning. However, the majority of this class will be done the old-fashioned way with paper and a pencil. Make sure you have plenty of paper and numerous pencils.
7. Email – My email address is available for you to use. Please do not abuse that privilege. I will be more than happy to communicate with you about class information and schedule, but only after you have checked this information on your own and have questions. Please identify yourself in any and all emails to me. Email will be answered within 24 - 48 hours during the week or the following Monday if sent on weekend.
8. Disruptions or talking during lecture is distracting to your fellow classmates, one warning will be given, if the talking continues, the offenders will be dismissed from the learning session.
9. Sleeping during lecture will lead to dismissal from class and counted absent for that day.

XI. Non-Discrimination Statement

Admissions, employment, and program policies of Ranger College are nondiscriminatory in regard to race, creed, color, sex, age, disability, and national origin.

XII. ADA Statement

Ranger College provides a variety of services for students with learning and/or physical disabilities. Students are responsible for making initial contact with the Ranger College Counselor, Gabe Lewis (glewis@rangercollege.edu). It is advisable to make this contact before or immediately after the semester begins.

XIII. Course Outline/ Schedule
RANGER COLLEGE
VOCATIONAL NURSING PROGRAM
ESSENTIALS OF MEDICATION ADMINISTRATION VNSG 1327
FALL 2019

XIII. COURSE OUTLINE/ SCHEDULE		ACTIVITY	ATI	DUE DATE
Week 1	Orientation; Review Syllabus; Pre-Test	Chapter 6 Pgs. 110-116	Dosage Calc: Desired Over Have -Safe Dosage -Dosages by weight	Week 2 by 0800
Week 2	Lecture Chapter 6 Pgs. 89-109	Chapter 7 Pgs. 128-130	Dosage Calc: Desired Over Have -Powdered Medications	Week 3 by 0800
Week 3	Lecture Chapter 7 Pgs. 117-127	Chapter 8 Pgs. 151-154	Dosage Calc: Desired Over Have -Injectable Medications	Week 4 by 0800
Week 4	Lecture Chapter 8 Pgs. 131-150	-	Dosage Calc: Desired Over Have -Case Studies	Week 5 by 0800
Week 5	Exam 1 Chapters 6-8 1st Attempt at 100's Test	Chapter 3 Pgs. 44-49	Dosage Calc: Desired Over Have -Medication Administration	Week 6 by 0800
Week 6	Lecture Chapter 3 Pgs. 31-43	Chapter 4 Pgs. 68-71	Dosage Calc: Desired Over Have -Critical Care Medications	Week 7 by 0800
Week 7	Lecture Chapter 4 Pgs. 51-67	Chapter 5 Pgs. 83-86	Dosage Calc: Desired Over Have -Pediatric Medications	Week 8 by 0800
Week 8	Lecture Chapter 5 Pgs. 73-82	-	Dosage Calc: Desired Over Have -Case Studies Final 1 & 2	Week 9 by 0800
Week 9	Exam 2 Chapters 3-5 2nd Attempt at 100's Test	Chapter 9 Pgs. 166-169	Dosage Calc: Desired Over Have -Oral Medications	Week 11 by 0800
Week 10	TBA			
Week 11	Lecture Chapter 9 Pgs. 157-165	Chapter 10 Pgs. 207-212	Dosage Calc: Desired Over Have -Parenteral (IV) Medications	Week 12 by 0800
Week 12	Lecture Chapter 10 Pgs. 171-206	-	Dosage Calc: Desired Over Have -Case Studies Final 3 & 4	Week 13 by 0800
Week 13	Exam 3 Chapters 9 & 10 Final Attempt at 100's Test	-	-	-
Week 14	Thanksgiving Week	-	**SCHEDULE IS SUBJECT TO CHANGE**	
Week 15	Final Review	-		
Week 16	Comprehensive Final Exam	-		

*****Must be present for all tests. Automatic 10-point deduction for any absences.*****

*****All activity & ATI assignments due via Blackboard by 8 am.*****

*****NO LATE ASSIGNMENTS ACCEPTED!*****

RANGER COLLEGE
SCHOOL OF VOCATIONAL NURSING

ESSENTIALS OF MEDICATION ADMINISTRATION
VNSG 1327

I have received a hard copy of the Essentials of Medication Administration syllabus. I have read this document, it has been explained to me, and I understand what is expected of me in this class.

I am aware that I have access to an electronic version posted in Blackboard.

Date: _____

Print Name: _____

Signature: _____