



**RANGER COLLEGE
VOCATIONAL NURSING PROGRAM**

COURSE SYLLABUS

PHARMACOLOGY

VNSG 1231

2 CREDIT HOURS

INSTRUCTOR: C. PACK, RN

INSTRUCTOR: C. Pack, RN

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OFFICE: 300 Early Blvd St. 105, Early, TX, 76802 Rm 113

PHONE: 325-203-5007 (Office)

OFFICE HOURS: Monday–Tuesday 4-5pm; Wednesday & Thursday 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

Introduction to the normal structure of the body including an understanding of the relationship of body systems in maintaining homeostasis.

III. REQUIRED BACKGROUND OR PREREQUISITE

CPR certification and successful completion of prior semester is required prior to the start of this course.

IV. REQUIRED TEXTBOOK AND COURSE MATERIALS

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

Taber's Cyclopedic Medical Dictionary, 22nd Ed., F.A. Davis. ISBN: 978-0-8036-5904-9

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

WILLIAMS, L. S. (2019). *Understanding Medical-Surgical Nursing*. Place of publication not identified: F A DAVIS. ISBN: 978-0-8036-6898-0

Burton, M., Smith, D. W., & Ludwig, L. J. (2019). *Fundamentals of Nursing Care: Concepts, Connections & Skills*. Philadelphia: F.A. Davis. ISBN: 978-0-8036-6906-2

V. RECEIPT OF SYLLABUS

Separate page; signed and returned to the instructor.

VI. COURSE PURPOSE

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

VII. LEARNING OUTCOMES

The student will be able to:

1. Define terminology associated with basic pharmacology.
2. Compare and contrast the mechanism of action, indications for, and side effects of various selected drug agents classified by body systems and/or drug function.
3. Select the administration route for the common classes of drugs.
4. Discuss ethical issues and professional standards related to drug prescriptions, dispensing, and administration.
5. Calculate drug dosages and interpret medication orders.

VIII. 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

IX. METHODS OF INSTRUCTION

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

X. METHODS OF ASSESSMENT

All students must achieve an average overall of 78% or higher to pass this course and must achieve a 100 on the 100's Test.

Exams - Four major exams (70 percent of total grade). 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 may be given at the discretion of the instructor. Alternate and late exams will automatically be deducted 10 points.

****If student makes less than 80% on a test, the student is required to complete a remediation assignment. Remediation assignments will be determined at the instructor's discretion. Remediation assignments are mandatory to ensure student success.****

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

Activities: (5 percent of total grade) Consisting of questions pertaining to assigned material, weekly quizzes, pop quizzes, 100's Test, and daily participation grade.

- Daily participation grade: Student will be graded daily on participation within their group. If student doesn't participate, student will be docked for the day. If student does not allow another student to participate equally in the group, student will be docked for the day. If student treats any fellow student with disrespect student will be docked for the day. Student will only be docked once per day.
 - Grading system is evaluated by a 0 or a 1. "0" meaning student was not docked and "1" meaning student was docked. Student will receive 1 overall grade for the semester for class participation.

Final Exam: (15 percent) There will be a comprehensive exam over all material covered in this course.

100's Test: All students must achieve a 100 on the 100's test in order to continue on to the third semester. Student will have 3 and only three attempts to pass this test. Test grades will be averaged in with activities grade.

Drop Grade: Dropping of grade(s) is at the instructor's discretion.

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 subject to change.****

XI. COURSE/CLASSROOM POLICIES

1. Student is required to be in the classroom AND in your seat **before** class start time or student is counted tardy. 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, computers, notes, completed assignments, pencils, and any necessary supplies.
3. Assignments are to be turned in on time and in the proper manner. Assignments not uploaded properly or turned into the wrong module will be an automatic zero with an added assignment over HIPPA. If an error occurs during uploading of assignment, you are required to email the instructor **immediately**. 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 are required and will be used to access Blackboard, assignments, quizzes, ATI learning, testing, classroom activities, and at the instructor's discretion.
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. **Check the syllabus before asking questions regarding class. There is a syllabus USE IT.** Please identify yourself in any and all emails to me. Emails 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/distraction continues, the offenders will be dismissed from the learning session and counted absent. Talking or distracting classmates during any type of testing or lecture will lead to automatic dismissal from class and receive a "0" on the test if this occurs.
9. Sleeping/resting with eyes closed during lecture will lead to dismissal from class and counted absent for that day.
10. If student makes less than 80% on a test, the student is **required** to complete a remediation assignment. Remediation assignments will be determined at the instructor's discretion. Remediation assignments are mandatory to ensure student success.
11. Student is responsible for scheduling a time to make up any material that they have missed. If not made up within 2 days student will receive a zero.
12. Disrespecting a fellow student or instructor in any way will lead to automatic dismissal from class and the student will be required to meet with the director. This includes but not limited to talking or distracting classmates during any type of testing or lecture. Student will receive a "0" on the test if this occurs.

XII. 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.

XIII. 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.

XIV. COURSE OUTLINE/ SCHEDULE
RANGER COLLEGE
VOCATIONAL NURSING PROGRAM
PHARMACOLOGY VNSG 1231
SPRING 2020

COURSE OUTLINE/ SCHEDULE		ACTIVITY	ATI	DUE DATE	
WEEK 1 1/21-1/24	Syllabus; Pre-Test	Lecture: Pharm: Med. Admin. & Basics Ch.1 & 2	TBA	Pharm Made Easy 3.0: Intro to Pharmacology Pharmacology Flash Cards: Endocrine System Drugs	1/26 by 1159
WEEK 2 1/27-1/31	Lecture: Pharm: Endocrine Ch. 15	Lecture: Pharm: Endocrine Ch. 15	TBA	Pharmacology Made Easy 3.0: The Endocrine System	2/2 by 1159
WEEK 3 2/3-2/7	Lecture: Pharm: Endocrine Ch. 15	Lecture: Pharm: Endocrine Ch. 15	TBA	Test: Learning System: Endocrine	2/9 by 1159
WEEK 4 2/10-2/14	100's Test (1) & Review	Exam #1	TBA	Pharmacology Flash Cards: Immune System Drugs	2/16 by 1159
WEEK 5 2/17-2/21	Lecture: Pharm: Immune Ch. 17	Lecture: Pharm: Immune Ch. 17	TBA	Pharmacology Made Easy 3.0: The Immune System	2/23 by 1159
WEEK 6 2/24-2/28	Lecture: Pharm: Immune Ch. 17	Lecture: Pharm: Immune Ch. 17	TBA	Test: Learning System: Immune and Infectious	3/1 by 1159
WEEK 7 3/2-3/6	100's Test (2) & Review	Exam #2	TBA	Pharmacology Flash Cards: Gastrointestinal System Drugs	3/8 by 1159
WEEK 8 3/9-3/13	SPRING BREAK				
WEEK 9 3/16-3/20	Lecture: Pharm: Gastrointestinal Ch. 19	Lecture: Pharm: Gastrointestinal Ch. 19	TBA	Pharmacology Made Easy 3.0: The Gastrointestinal System	3/22 by 1159
WEEK 10 3/23-3/27	Lecture: Pharm: Gastrointestinal Ch. 19	Lecture: Pharm: Gastrointestinal Ch. 19	TBA	Pharmacology Made Easy 3.0: Pain and Inflammation	3/29 by 1159
WEEK 11 3/30-4/3	ATI:Improve: Pharm Online Practice Part A	Gastrointestinal & Urinary Skills	TBA	Test: Learning System: Gastrointestinal	4/5 by 1159
WEEK 12 4/6-4/9	100's Test (3) & Review	Exam #3	TBA	Pharmacology Made Easy 3.0: The Reproductive and Genitourinary System	4/12 by 1159
WEEK 13 4/13-4/17	Lecture: Pharm: Urinary Ch. 20	Lecture: Pharm: Urinary Ch. 20	TBA	Test: Learning System: Renal & Urinary	4/19 by 1159
WEEK 14 4/20-4/24	Review	Exam #4	TBA	Test: Learning System: Pharmacology	4/26 by 1159
WEEK 15 4/27-5/1	Final Review		**SCHEDULE SUBJECT TO CHANGE**		
WEEK 16 5/4-5/8	Comprehensive Final				

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!

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**PHARMACOLOGY
VNSG 1231**

I have received a hard copy of the **VNSG 1231 Pharmacology** Syllabus from my instructor. This syllabus has been explained to me, I understand the requirements for this class, and I understand what is expected of me in this class.

Furthermore, I acknowledge that I will refer to the Syllabus for direction and will contact the Instructor for assistance as needed.

I am aware that the electronic version of this syllabus is posted in Blackboard Course **VNSG 1231 Pharmacology** under Course Documents.

Date: _____

Print Name: _____

Signature: _____