

Midland College
Syllabus
RNSG 1201
Pharmacology (2-0-0)

Required Participation:

For online classes, students **MUST** actively participate by completing an academic assignment by the official census date. Students who do not do so will be dropped from the course.

Course Description:

Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of drug classifications. Content includes the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. This course lends itself to either a blocked or integrated approach.

Prerequisite: BIOL 2401. Corequisite: BIOL 2402.

Text, References and Supplies:

Ford, S, (2017), *Roach's Introductory Clinical Pharmacology*, 12th ed., Philadelphia: Lippincott. ISBN: 978-1-975163-73-0 **(Required)**

Ford, S, (2017), *Study Guide to Accompany Roach's Introductory Clinical Pharmacology*, 11th ed., Philadelphia: Lippincott. ISBN: 978-1-975163761 **(Optional)**

Follow the directions on the inside front cover of your book for optional free online resources. You may use these resources even if you purchased your textbook used.

This course requires the use of LockDown Browser Monitor for the three unit exams and the final exam. The webcam will be required for these exams. Detailed information about how to install this software and a mandatory practice exam can be found under the module labeled "LockDown Browser." (Required)

End-of-Course Outcomes:

Identify the roles and responsibilities of the professional nurse in administering pharmacological agents; and explain the safe utilization of medications.

Student Learning Outcomes:

The following course student learning outcomes (SLO)s are based on the Differentiated Essential Competencies (DECs) identified by the Texas Board of Nursing for the professional nursing roles of Members of a Profession (MOP), Provider of Patient-Centered Care (PPCC),

Patient Safety Advocate (PSA), and Member of the Health Care Team (MHCT). Upon successful completion of the course the student should be able to:

1. Discuss the basic concepts of pharmacology. (PPCC, PSA)
2. Describe the basic methods used in the administration of drugs. (PPCC)
3. Identify common drug classifications. (PPCC, MHCT)
4. Identify common drugs within these various drug classifications. (PPCC, PSA)
5. Describe the uses, contraindications, precautions, interactions, and general adverse reactions of the common drugs within these classifications. (PPCC, PSA, MHCT)
6. Discuss ways to promote an optimal response to therapy, how to manage adverse reactions, and important points to keep in mind when educating patients about the use of these drugs. (PSA, PPCC, MOP)

Student Contributions, Responsibilities and Class Policies:

Students will achieve the Learning Objectives by:

1. Reading the designated material in the book and online
2. Completing the module quizzes, unit exams, and final comprehensive exam
3. Completing one assignment
4. Participating in online communication and discussion
5. The unit exams and final comprehensive exam will be proctored

Online courses require special skills. In order to be successful, students should be able to send an e-mail, download/save documents, copy/paste, and upload a file. Please contact me if you need assistance with this.

Students are expected to complete all work by the assigned due dates. Work submitted late may receive only half credit. Due dates are listed on your Canvas Calendar tab (at the top of the page in Canvas) and by each assignment under the "Modules" tab. If you need to reschedule an exam, please let me know *before* the due date.

More information on student responsibilities can be found in the course catalog. The online link for this is: [Click here for catalog](#)

Academic Integrity:

1. Cheating: Dishonesty on examinations and quizzes or written assignments, illegal possession of examinations, the use of unauthorized notes during an examination or quiz, obtaining information during an examination from the examination paper or otherwise from another student, assisting others to cheat, alteration of grade records, and illegal entry to or unauthorized presence in an office are all instances of cheating.
2. Plagiarism and Collusion: Offering the work of another as one's own, without proper acknowledgement, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material from books, encyclopedias,

magazines, and other reference works (including the Internet), or from the themes, reports, or other writings of a fellow student or others, is guilty of plagiarism.

Students cheating or committing plagiarism are liable to serious consequences, including receiving a zero for the assignment and class. You are strongly advised to become familiar with official college policy. It can be found under the Scholastic Misconduct module.

Evaluation of Students:

The final grade will be a standard percentage, not curved, composed as follows:

- 20% from module quizzes
 - 60% from unit exams
 - 15% from a comprehensive final exam
 - 5% from one assignment
 - 2% from one Syllabus quiz
1. There will be 10 module quizzes, each worth 2% of your overall grade. Modules are made up of multiple chapters from your textbook. Each quiz has a combination of 25-35 multiple choice and multiple answer questions. You will have 40 minutes to take each quiz. You may take them from any computer (work, home, etc.) You will get your grade as soon as you submit the quiz. Pharmacology will be an important part of your career as a health care provider, and you really need to learn the material. Because of this, you may take the module quizzes over and over for the next 24 hours after the due date until you are satisfied with your grade. The final time that you take each exam will count as your grade. The reason that I allow this is because you will probably need to look up the answers for the questions you miss. The more times you look at the material, the better you should learn it. You will find chapter objectives, study notes, and a power point for each chapter under the “Modules” tab in Canvas.
 2. There will be 3-unit exams, each worth 20% of your overall grade. Each unit exam covers 3-4 modules. Each unit exam will have a combination of 50-60 multiple choice and multiple answer questions. You will have 60 minutes to take each unit exam. **All of these exams must be taken with the LockDown Browser software.** You will get your grade as soon as you submit the exam.
 3. There will be 1 comprehensive final exam, worth 15% of your overall grade. It will cover all of the modules. It will have a combination of 50 multiple choice and multiple answer questions. You will have 60 minutes to take it. It must also be taken with the LockDown Browser software. You will get your grade as soon as you submit the exam.
 4. There will be 1 assignment. The Video Assignment is worth 3% of your course grade. Detailed instructions for can be found under the specific assignment in Canvas.

Course Schedule:

The course calendar can be found in Canvas under the Calendar tab on the left and the Syllabus tab.

Americans with Disabilities Act (ADA) Statement:

Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact Shep Grinnan as soon as possible. Mr. Grinnan's office is located in the Scharbauer Student Center Building. These conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation. Contact [Student Services](#) for more information or assistance.

Continuity of Instruction Statement:

In the event that on campus activities are suspended due to extenuating circumstances, such as weather or quarantine, the instructor will continue instruction in a manner that best supports the course content and student engagement. In this event, your instructor will notify students of the change via canvas. At that time, they will provide details how instruction and communication will continue, how academic integrity will be ensured, and what students may expect during the time that on campus activities are suspended. If a student becomes unable to continue class participation due to extenuating circumstances, (e.g., health and safety, loss of power, etc.) the student should contact their instructor and advisor for guidance. Resources are available to students via the SOS program. Information can be found at <https://www.midland.edu/services-resources/student-services/sos.php>.

Grievances or complaints:

Concerns should be expressed as soon as possible to allow for early resolution. Midland College encourages students to discuss their concerns with their instructor first. If you feel uncomfortable discussing your situation with your instructor, students should discuss their concerns with the Chair of the appropriate department (Associate Degree Nursing Chair - Dian White 432-685-4594), then the Dean of Health Sciences and Math and Science - Dr. Miranda Poage (432-685-6745). If a resolution is still not possible, students may proceed with the formal complaint process.

<http://catalog.midland.edu/content.php?catoid=14&navoid=2579#grievances-and-complaints>

Licensure Eligibility Notification:

Completion of Midland College degrees and/or certificates does not guarantee eligibility to take a certification/registry/licensure examination. The eligibility of each person is determined on an individual basis by the regulatory body of the specific discipline. If you have a conviction of a crime other than a minor traffic violation, physical or mental disability/illness, hospitalization/treatment for chemical dependency within the past five years, current intemperate use of drugs or alcohol or a previous denial of a licensure or action by a licensing authority, you will need to contact the specific regulatory body for an individual ruling. Some programs require a criminal background check and urine and drug screen.

Non-Discrimination Statement:

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individual has been designated to handle inquiries regarding the non-discrimination policies:

Wendy Kane
Title IX Coordinator/Compliance Officer
3600 N. Garfield, SSC 123

Midland, Texas 79705
(432) 685-4695

For further information on notice of non-discrimination, visit the ED.gov Office of Civil Rights website, or call 1 (800) 421-3481.

Health Sciences Division Information:

Division Dean:

Program Chair:

Division Secretary:

Instructor Information: