

**Midland College
Syllabus
Online
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:

This course is an introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects and nursing implications of each drug classification. Topics will include the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. The student will identify the roles and responsibilities of the health care professional in administering pharmacological agents, and utilize knowledge of pharmacology to demonstrate safe administration techniques. This course lends itself to either a blocked or integrated approach. Prerequisite: BIOL 2401. Corequisite: BIOL 2402.

Text, References and Supplies:

Roach, S.S. and Ford, S, (2010). *Introductory Clinical Pharmacology*, 9th ed., Philadelphia: Lippincott.
ISBN-13: 978-1-60547-633-9 ISBN – 10: 1-60547-633-1

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.

Student Learning Outcomes:

Upon successful completion of the course the student should be able to:

1. Define basic pharmacological principles of common medication categories.
2. Discuss the use of medication therapy as it is adapted to a client's cultural background, religious/spiritual beliefs, and developmental level.
3. State the systematic approach to studying medication therapy, with emphasis on therapeutic classifications, prototypical medications, medication interactions, medication-disease interactions, and medication-nutrient interactions.
4. Outline the principles of medication therapy and client teaching with major drug groups in relation to medication selection, dosage route, and use in special populations

5. Identify client care environments that influence medication effectiveness, medication procurement, and how these factors influence client care.
6. List selected legal, ethical, and economic aspects of medication therapy.
7. Verbalize the pathophysiology of selected health conditions and selected medications.
8. Acknowledge the responsibility of health care professionals to utilize the basic pharmacological principles of medications administered to clients.

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: <http://catalog.midland.edu/content.php?catoid=4&navoid=447>.

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 in this class and at:

<http://catalog.midland.edu/content.php?catoid=7&navoid=990#Scholastic%20Dishonesty%20and%20Academic%20Misconduct>

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.
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 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 5 days 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 multiple choice and multiple answer questions. You will have 60 minutes to take each unit exam. All of the unit exams must be proctored. This means that you must take them at the Midland College Testing Center or at another approved testing center if you live out of town. Proctored means that someone in the testing center will pull up the test and enter a password and will watch you as you take it. You will also have to show an ID. 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 proctored. You will get your grade as soon as you submit the exam.
 4. There will be 1 assignment. The Video Assignment is worth 5% of your course grade. Detailed instructions for can be found under the specific assignment in Canvas.

