



CLASS NUMBER AND NAME:	RXN175A PRINCIPLES OF PHARMACOLOGY	
TOTAL HOURS/ UNITS:	24 HOURS	2.0 UNITS
PREREQUISITES:	MDN161B-Medical Terminology II.	
TEXTS AND MATERIALS:	Pharmacology: Principles & Application, Fulcher & Soto, Fulcher, Publisher: Saunders, 3 rd edition 2012 (ISBN 9781437722673) Drug Reference Book (ISBN 9781496322555) E-Library and Internet Study and Instructive Handouts (provided by instructor)	
CLASS DESCRIPTION:	This course is an introductory course in pharmacology for allied health students. The class is designed to provide an overview of the history, language, legislation, and ethics surrounding pharmacology. The student is instructed in understanding drug uses, interactions, and side effects with emphasis on patient safety. The student will learn medication orders to include: reading, interpreting and documenting along with common medication routes.	
CLASS OBJECTIVES:	Define and apply keywords in pharmacology. To educate the students to medications: forms and uses, delivery and administration, medication orders and patient education and safety. Identification of drug classifications and actions, common prescription abbreviations, prescription procedures, and related OSHA standards	
CLASS FORMAT OVERVIEW:	Pharmacology is divided into three courses. Principles and two sections of Body Systems. The student must complete Principles of Pharmacology with a passing grade of 70% or better.	
METHOD OF INSTRUCTION:	The principle means of instruction in class is critical thinking exercises, scenario discussions, completion of review and instructional material, all supported by textbook reading and instructor explanations. It will be expected that all students are present every day. The student is expected to read the chapters, as well as attend each class and participates in class activities. The instructor may provide student study and instructive material for each chapter.	

CLASS ATTENDANCE:

It is expected that each student will be in class when class begins. Should the student come in later than five minutes after class begins, he or she should be certain that the instructor has noted his or her presence in the class. It will then be up to the instructor to decide if the student had arrived in time to be counted, as present-the instructor's decision is final.

It will be the student's responsibility to learn of any assignments given in class when absent.

80% attendance is mandatory;

90% or above is mandatory for those who are in a full program and qualify for the externship.

TESTING:

Assignments will be scheduled for both in class and outside of class completion. Quizzes are given throughout each section at the instructor's discretion and make-ups must be completed immediately upon return to school. E-Library/Internet = Pass/Fail

There are no retakes of any tests in medical.

LATE TESTING:

A 10 PERCENT PENALTY WILL BE ISSUED FOR ALL LATE TESTS. If you are not present the day of the test and have not made arrangements with the instructor to take the test early, you will automatically be given the 10 percent penalty. (Late tests start with a "B" grade or, minus 10%). Late homework will receive 1% off the final grade per class period that it is late.

GRADING POLICIES:

Each student is graded on the cumulative point system as follows:

90-100% = A

80-89% = B

70-79% = C

69% and below = F

Students out of uniform will be subject to the uniform contract grading policy.


If a student fails to take a test during the module, the class grade may be lowered by one letter grade.

ANTICIPATED LEARNING OUTCOMES:

Upon completing this course, the student will be able to:

1. Demonstrate an understanding of pharmacology: history, legislation, and regulations, and Ethics. Show an ability to use an E-library/Internet to research the newest pharmacological information.
2. Identification of healthcare professionals' roles and responsibilities as related to pharmacology.

3. Use and spell pharmacology terminology correctly.
4. Have a working knowledge of drug classifications, uses, interaction, effects, and related OSHA standards. Explain issues surrounding patient education and safety.
5. Have a working knowledge of medication orders to include: accuracy in reading, interpreting, and documentation.
6. Define prescription abbreviations and procedures.

<p align="center">Week 1</p> <p>Read Chapter 1</p>	<p align="center">Monday, Intro to Pharmacology, Calendar, Syllabus, Chapter 1 handout</p> <p>Lecture Chapter 1 Abbreviation intro</p>	<p align="center">Wednesday,</p> <p>Study day: Complete Chapter 1 packet. Study vocabulary. HW: Complete Critical Thinking: p 2 & 19</p>
<p align="center">Week 2</p> <p>Read Chapter 2</p>	<p align="center">Monday,</p> <p>Review Chapter 1 packet Chapter 1 test Homework due</p> <p>Lecture Chapter 2</p>	<p align="center">Wednesday,</p> <p>Continue Chapter 2 lecture HW: Complete Critical Thinking p. 21 & 36 Complete Chapter 2 packet Vocab & Abbrev</p>
<p align="center">Week 3</p> <p>Read Chapter 3</p>	<p align="center">Monday,</p> <p>Review Chapter 2 packet Chapter 2 test Homework due</p> <p>Lecture Chapter 3</p>	<p align="center">Wednesday,</p> <p>Continue Chapter 3 lecture HW: Complete Critical Thinking p. 38 & 51 Complete Chapter 3 packet Vocab & Abbrev</p>
<p align="center">Week 4</p> <p>Read Chapter 4</p>	<p align="center">Monday,</p>  <p align="center">President's Day No Class</p>	<p align="center">Wednesday</p> <p>Review Chapter 3 packet Chapter 3 test/Homework due</p> <p>Lecture Chapter 4 Complete Chapter 4 packet Abbrev</p>
<p align="center">Week 5</p> <p>Read Chapters 5 & 11</p>	<p align="center">Monday,</p> <p>Review Chapter 4 packet Chapter 4 test Vocabulary test</p> <p>Lecture Chapter 5 & 11</p>	<p align="center">Wednesday,</p> <p>Continue Chapters 5 & 11 lecture Complete Chapter 5&11 packet HW: Complete Critical Thinking p. 68,78,186,194 Abbreviation test</p>
<p align="center">Week 6</p> <p>Prepare for final</p>	<p align="center">Monday,</p> <p>Drug Homework due Review Chapter 5 & 11 packet E-Library Project: Research an article regarding an existing or new drug: discoveries, changes, adverse reactions, future use,etc</p>	<p align="center">Wednesday,</p> <p>Chapter 5 & 11 final</p>

Time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the material and ¼ hour outside of class for each hour of structured lab time.