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AHMS 216.01: Pharmaceutical Products

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**Missoula College of University of Montana
COURSE SYLLABUS**

**AHMS 216 Pharmaceutical Products
Fall 2013**

Instructor: Ginger Sillars, BSN, RN	
Contact information: Phone: 243-7892 Email: ginger.sillars@mso.umt.edu Office: Griz House 4 Office hours: Mon & Thur 10-1130 and by appointment	Class Location: GH 01 Meeting time: Wed & Fri 1:10- 3:00p Credits: 3

Required text:

Basic Concepts in Pharmacology (Stringer) 4th ed

Supplies:

- simple calculator
- index cards to be used as flash cards (optional)

Relationship to program(s):

This course will develop student knowledge about pharmaceuticals. Students will learn basics of how drugs work, the major classes of medications, the most used medications, and become familiar with tests that are used in association with medications to help prepare the student for clerkships and certification exams. Familiarity with medications is essential for medical transcriptionists, medical coders, and medical assistants in order to prevent medication and record-keeping errors, to optimize patient care, and for proper communication between health care providers/personnel.

Course description: This course is a basic overview of the most commonly used pharmaceutical agents in the major drug classes. Topics covered include common drug forms and preparations, administration considerations, implications of use, and basic pharmacological properties. Drugs will be studied according to therapeutic classifications. Students will also become familiar with drug references, laws pertaining to drug distribution, and simple dosage calculations.

Student performance outcomes:

Upon completion of this course, the student will:

1. Recognize drug products as belonging to a particular classification, and be familiar with the general actions of that class of drug.
2. Gain a basic knowledge of the principles of pharmacology.
3. Identify actions, adverse reactions and side effects of selected drug products.

4. Understand the various forms and preparations of drug products, and the rationale for such.
5. Use correct spelling and pronunciation of drug names. Communicate drug information effectively with other health professionals. Correctly interpret medication orders.
6. Understand the concepts of safe and accurate dosage calculations.
7. Understand the general history of the pharmaceutical industry and the laws pertaining to drug products, as well as the governmental agencies overseeing drug manufacturing and distribution, in order to comply with state and federal regulations.
8. Locate drug information and become familiar with sources of information.
9. Have an appreciation for the importance of proper drug selection, preparation, and distribution.

Student performance assessment methods and grading procedure:

The grading scale is department-wide, and is as follows:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
below 60%	F

Students in Health Programs must have a “C” or better final grade in each class to progress within their programs. If a “C” or better is not obtained, students will have to re-take the class if they wish to complete the program.

70% of grade will be the average of quiz and test grades, including the final.

20% of the grade will be assignments and presentations.

10% of the grade will be class participation

Tests/quizzes are to be taken at the times they are scheduled. In the event a test must be missed, **prior notification to faculty member is required.** *Any quiz/exam missed without prior notification of the instructor will be graded as a “zero”. No makeup exam/quiz will be allowed in this instance.* Arrangements will need to be made for testing with faculty member or testing center and will be allowed at the discretion of the instructor. Exams will be held in class or on Moodle at specified times listed in course outline. Unless specifically announced by the instructor, unit test, quizzes or exams are **NOT** open book or open note tests. Moodle quizzes/exams will be open for 24 hours.

Assignment Due Dates: Late assignments will only be accepted if the student notifies the instructor **before** the due date; at the discretion of the instructor. An assignment that is more than 24 hours late, regardless of prior notification, will have a minimum 10% reduction to the final grade for that assignment.

Course Policies and Other Information:

Attendance policy:

Once you become a member of a health care team, you will be an integral part of the team and your attendance is important for quality patient care. Students that attend class regularly perform better on tests and in the course. Lecture material is a large portion of exams.

Academic Integrity: All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by The University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at http://life.umt.edu/vspa/student_conduct.php

Disability Accommodation: Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please speak with me after class or in my office within the first few weeks of this course. Please be prepared to provide a letter from your DSS coordinator. For more information, visit the Disability Services website <http://www.umt.edu/dss/> or call (406)243-2243.

Internet Access: Students must have access to the internet (computer access available on campus). Many notes and assignments must be accessed through Moodle. All email correspondence must be made through an official university email account. No private emails will be responded to.

University Holidays:

Mon Sept 3:

Labor Day Holiday NO CLASSES

Mon Nov 11:

Veterans Day NO CLASSES

Wed Nov 27:

Student travel day NO CLASSES

Thur- Fri Nov 28-29

Thanksgiving Break NO CLASSES

Mon-Fri Dec 9-13

Final Exams