

Psychology 3740
Drugs and Behavior
Spring 2009
MWF 9:00 - 9:50 AM
SS 347

Professor's Name: Dr. Lauren A. Fowler

Professor's Email: lfowler@weber.edu or MAIL tool on WebCT

**(this is by FAR the best way to get in touch with me!)

Professor's Office Phone: 801-626-7620 (answering machine)

Office Hours: Mon & Wed 10:00-10:45 AM; Tues & Thurs 9-9:45 AM; also by appointment

Office Location: SS 368

Web Site: <http://faculty.weber.edu/lfowler> (or WebCT <http://online.weber.edu>)

I. Required Materials

- A. Textbook: Meyer, J. & Quenzer, L. (2005). *Psychopharmacology: Drugs, The Brain, and Behavior*. Sinauer Associates: Sunderland, MA.
- B. #2 Pencils for Taking Exams
- C. \$ 0.40 for Taking Exams (10 cents for each scan-tron)
- D. Some background in the biological sciences. This should NOT be your first class which covers the brain!
- E. Your brain in HIGH gear!

II. Course Objectives

- A. Students will learn basic neuroanatomy, neurophysiology, and neuroendocrinology related to drug actions.
- B. Students will learn about the nervous system activity that underlies drug action, including neurotransmitters and chemical neurotransmission.
- C. Students will learn basic principles (pharmacokinetics and pharmacodynamics) of drug action.
- D. Students will learn about the biological bases of mental disorders and about the classes of psychoactive drugs that are used to treat them.
- E. Students will learn about the commonly abused drugs and their mechanisms of action, as well as prevention and treatment for drug abuse.
- F. Students will have the opportunity to apply their knowledge of drug actions, drug use and abuse, and prevention and treatment of drug abuse in a community drug-education program.

III. Course Grade

No exams or homework assignments can be made up after the last day of Classes (April 24th). There are no exceptions to this rule!

A. Examinations

1. Four written examinations (multiple choice, labeling, essay, and short answer) will be given during the semester (each will make up 16% of your grade). The fourth exam will be taken during finals week.
2. All exams will be taken in the Social Sciences Testing Center, located in the basement of the Social Sciences Building. You will have 3 days to take each exam (you have 4 days for the final). Please note the testing center hours located at the end of the syllabus.

B. Make-up Examinations/Missing Exams/Missing or Late Assignments

If you miss an exam you will automatically be deducted 20% of the exam grade. You must contact me **IN WRITING** within 2 days of the last day of the exam period in order to schedule a make-up. You must make up the exam within 1 week of the exam date. If you do not make up the exam during that time, you will receive a grade of zero for that exam. You may take an exam a day early (at no penalty!) if you have a conflict with the exam schedule. Remember that you have 3 days to take an exam, and we do not have class during the exam period. Also remember that you **MUST** show up to the testing center during their hours of operation. They will **NOT** let you take an exam late! If you plan to take an exam early **OR** late, you must notify me in writing of your intentions.

All assignments are due at the beginning of class on their due date. If an assignment is not turned in within the first 5 minutes of class on the due date, the assignment is considered late. Assignments turned in late will be deducted 5 percentage points per day (beginning on the due date), including weekends and holidays. Please do **NOT** turn an assignment in late!!!

C. Presentations and Papers

In addition to the 4 exams for this course, you will be required to complete the following assignments. The contribution of each assignment to your final grade is listed next to each assignment. Additional information will be made available about these assignments after the first day of class.

- i. **Drug Fact Sheets (20%):** All students are required to submit two drug fact sheets. These fact sheets should include information on the pharmacodynamics, pharmacokinetics, dosage, methods of action, references, and street-wise information on the drug. A handout describing the specific requirements of the fact sheets will be distributed separately. The first fact sheet will be on a legal drug; the second fact sheet will contain information about an illegal drug. You may sign up for your drug of choice on a first-come, first-serve basis. Each fact sheet is worth 10% of your grade.
- ii. **Class Presentations (16%):** Students will present drug material to the class during the last 2 weeks of classes. These presentations should incorporate pharmacological information gathered during the class, as well as material gathered outside the class. You will have specific topics to choose from for your presentations. These topics, and the presentation dates, will be assigned on a first come first serve basis. You must include a Psychopharmacology Fact Sheet to accompany your class presentation. A handout describing the specific requirements of the fact sheet and the presentation will be distributed separately. Students may work in groups of 2 or individually (depending upon the topic) for the presentations, but each student is responsible for contributing to both the fact sheets and the presentations.

D. Grading Scale

The course grade will be assigned according to the scale indicated below:

<u>Numeric Score</u>	<u>Letter Grade</u>
90-100	A
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
60-66	D
Below 60	E

IV. Course Outline

This course will cover 14 chapters from the text, as well as other related material. There is an **enormous** amount of material that is not found in the textbook. Also, not all of each chapter is used. The following represents a general plan for the course. Deviations may be necessary.

<u>Chapters</u>	<u>Topics</u>	<u>Exam Date</u>
1, 8*	General Issues of Drugs and Behavior, Principles of Pharmacology	1/22 - 1/24
	Drug Fact Sheet #1 Due	2/9
2, 3, 5, 6, 7	Neuroanatomy, Neurophysiology, Synaptic Transmission, Neurotransmitters	2/19 - 2/21
	Drug Fact Sheet #2 Due	3/23
9, 11, 12, 17	Alcohol, anxiety disorders and pharmacotherapy CNS Stimulants: cocaine and amphetamines, caffeine, and nicotine	3/26-3/28
	Presentations in Class	4/13 - 4/24
17, 16, 18	Affective Disorders, Schizophrenia, and Pharmacotherapy (presentation material included on 4 th exam)	4/24 - 4/28

* Read this chapter for the exams, but it will not be covered in class.

V. Additional Information

A. Attendance

It is ***strongly*** recommended that you attend class. There will be a considerable amount of information that will be given **only** during class (i.e. not in the textbook), and the tests will concentrate heavily on that information. Attendance is not required, but the best way to be successful in this class is to attend.

B. Class Contact

Often it is necessary to miss a part or all of class. When that happens, or when you have questions that you cannot answer on your own, it is helpful to have the name and number of another student in class that you can call.

Please use the space below to write down the name and phone number of at least one student in this class who you can call:

C. Class Courtesy

This is a large class, so please be courteous of others when coming late to class (or leaving early). Please refrain from talking during class lecture. Eating and drinking in class is allowed, as long as it is not disruptive to the learning environment. **PLEASE TURN OFF CELL PHONES IN CLASS!! This means NO text messaging!!** Any disruptive behavior will be addressed immediately, and if the behavior does not cease, you will be asked to leave class.

Some topics to be discussed in this class are extremely sensitive. While other members of the class may have different opinions from yours, please respect every class member's right to share their opinion.

D. Grade Appeals

If, after receiving an exam back during class, you think a mistake has been made in the grading of your exam, please do not ask about this during class. Write down on a sheet of paper what your questions are, provide reference to notes in class or specific pages from the book, and turn in these questions to the instructor at the end of the class period. You will receive a response, and any grade adjustment necessary, by the next class period.

E. Plagiarism/Cheating

Whenever you try to pass off someone's work as your own, that is cheating. If you cheat on a homework assignment or exam, you will receive a grade of **E (Failing) for the course**. Please refer to the following web site for a complete listing of infringements (including plagiarism) that constitute cheating.

<http://documents.weber.edu/ppm/6-22.htm>.

Please refer to the PLAGIARISM link on the web site (HOW TO AVOID PLAGIARISM) for specifics about plagiarism. You are responsible for knowing what plagiarism is, and any plagiarism (even unintentional) will result in a grade of E for the semester

WSU subscribes to TurnItIn.com, an electronic service that verifies the originality of student work. Enrollment in this course may require you to submit

some or all of your assignments to it this semester, and documents submitted to TurnItIn.com are retained, anonymously, in their databases. Continued enrollment in this course constitutes an understanding of and agreement with this policy.

F. Students with Disabilities

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Service Center. SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary.

G. Students' Rights and Responsibilities

Please refer to the following web site for a complete listing of all WSU student rights and responsibilities.

<http://documents.weber.edu/ppm/6-22.htm>

H. Testing Center

All exams will be taken in the Social Sciences Testing Center, located in the basement of the Social Sciences building (SS 036). In order to take an exam, you must show up on the correct date at the appropriate times (listed below) with a form of picture ID. You will not be allowed to take the exam without a picture ID or if you show up after hours. Please see the Social Science Testing Center hours listed below.

<http://departments.weber.edu/testingcenter/hours.htm>

Monday - Thursday

7:30 AM - 9:00 PM (Must show up by 8:00 PM to take an exam)

Friday

7:30 AM - 5:30 PM (Must show up by 4:30 PM to take an exam)

Saturday

9:00 AM - 4:30 PM (Must show up by 3:30 PM to take an exam)

VI. Grade Record

Please keep a record of the grades you receive on each exam and assignment. This will help insure that you are always aware of your academic progress in this class. You may always access your grades on the WebCT site. Remember, your grade is comprised of 4 exams (16% each), 2 fact sheets (10% each), and a class presentation (16%).

****The course syllabus provides a general plan for the course; deviations may be necessary. By continuing in the course after receiving the syllabus, you are consenting to the regulations set forth by the syllabus.**