Psychology 3740:  Drugs and Behavior
Fall 2011
TTh 10:30 - 11:45 AM
SS 347

Professor's Name: Dr. Lauren A. Fowler
Professor's Email: lfowler@weber.edu or email tool on Canvas
**(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 9:00-9:30 AM; also by appointment
Office Location: SS 368
Web Site: http://canvas.weber.edu

I. Required Materials
   B. Additional readings (provided electronically)
   C. #2 Pencils for Taking Exams
   D. $ 0.40 for Taking Exams (10 cents for each scan-tron)
   E. Some background in the biological sciences. This should NOT be your first class which covers the brain!
   F. 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. 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 more time 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 3 days week of the last day of the exam. 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. If you have an excused absence, you must notify me during the exam period with your explanation in order to schedule a make-up time for the exam. Failure to notify me within that period will result in a grade of zero. You may email or call to notify me of any problems.

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, general information, 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. More information is available on the class website. 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. There is an option to do a paper instead of a presentation, if you prefer. Please see me if you have any questions.

D. **Grading Scale**

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

<table>
<thead>
<tr>
<th>Numeric Score</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>87-89</td>
<td>B+</td>
</tr>
<tr>
<td>83-86</td>
<td>B</td>
</tr>
<tr>
<td>80-82</td>
<td>B-</td>
</tr>
<tr>
<td>77-79</td>
<td>C+</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Chapters</th>
<th>Topics</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 8*</td>
<td>General Issues of Drugs and Behavior, Principles of Pharmacology</td>
<td>9/8 - 9/10</td>
</tr>
<tr>
<td>2, 3, 5, 6, 7</td>
<td>Neuroanatomy, Neurophysiology, Synaptic Transmission, Neurotransmitters</td>
<td>10/6 - 10/8</td>
</tr>
<tr>
<td></td>
<td>Drug Fact Sheet #1 Due</td>
<td>10/13</td>
</tr>
<tr>
<td></td>
<td>Drug Fact Sheet #2 Due</td>
<td>10/27</td>
</tr>
<tr>
<td>9, 11, 12, 17</td>
<td>Alcohol, anxiety disorders and pharmacotherapy</td>
<td>11/3-11/5</td>
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<tr>
<td></td>
<td>CNS Stimulants: cocaine and amphetamines, caffeine, and nicotine</td>
<td>11/3-11/5</td>
</tr>
<tr>
<td></td>
<td>Presentations in Class</td>
<td>11/15 - 12/1</td>
</tr>
<tr>
<td></td>
<td>Alternative Paper Due</td>
<td>11/22</td>
</tr>
<tr>
<td>17, 16, 18</td>
<td>Affective Disorders, Schizophrenia, and Pharmacotherapy (presentation material included on 4th exam)</td>
<td>12/1 - 12/6</td>
</tr>
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</table>

* 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 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!! It is rude and inappropriate to use your cell phone in class. 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.

C. 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.

D. 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 course web site. Remember, your grade is comprised of 4 exams (16% each), 2 fact sheets (10% each), and a class presentation (or alternative paper) (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.