

**Drugs in Our Society**  
**PHR 310K (Unique #89455) and PHR 350K (Unique #89465)**  
**Course Syllabus – Summer 2016**

**Instructor**

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**Course Summary and Format**

The purpose of this course is to enhance student knowledge of the use of pharmaceuticals, the drug distribution process and the regulatory control of pharmaceuticals so they can become better consumers and buyers of pharmaceutical products. Topics in this course include information on pharmaceutical development and regulation; drug distribution systems; various categories of pharmaceuticals; and related updates on new legislation and products. Hopefully, this information will provide you with a lifetime foundation for better health.

The class may utilize other faculty depending upon the course content and instructor expertise. The principal instructor of the class is Professor Rush. If there are problems, questions, concerns, and/or suggestions, please direct them to Professor Rush.

Students enrolled in this course have either enrolled in PHR 310K or PHR 350K. The PHR 350K course has the significant writing component which meets the University's writing requirement. Students enrolled in PHR 350K are upper division students and will be attending the same lectures and doing the same assignments as those students enrolled in PHR 310K. Both 310K and 350K students will have writing assignments; however, PHR 350K students will have an additional writing assignment from the 310K students. More information follows on the writing component.

**Course Objectives**

1. Students will obtain information to enhance their understanding of prescription and non-prescription medications so that they can become more-informed consumers of those products.
2. Students will obtain a basic understanding of the U.S. Food and Drug Administration drug approval process.

3. Students will obtain a better understanding and appreciation that all prescription and over-the-counter drug products have risks along with benefits.
4. Students will obtain basic knowledge of over-the-counter products and what symptoms they treat.

### **Student Evaluations**

- For **PHR 310K** students – Total grade is composed of class attendance, three assignments and two essay papers.
  - **Class attendance is mandatory.** Each absence from a scheduled class can result in the final grade being lowered one letter grade. For example, if a student’s final grade is an A, one absence can result in that grade being lowered to a B.
  - Three assignments counting 20% each = 60% total
  - Paper I = 20%
  - Paper II = 20%
  
- For **PHR 350K** students – Total grade is composed of class attendance, three assignments and three essay papers. This course carries the Writing Flag. Writing Flag courses are designed to give students experience with writing in an academic discipline. In this class, you can expect to write regularly during the semester, complete substantial writing projects, and receive feedback from your instructor to help you improve your writing. You will also have the opportunity to revise one or more assignments, and you may be asked to read and discuss your peers’ work. You should therefore expect a substantial portion of your grade to come from your written work. Writing Flag classes meet the Core Communications objectives of Critical Thinking, Communication, Teamwork, and Personal Responsibility, established by the Texas Higher Education Coordinating Board.
  - **Class attendance is mandatory.** Each absence from a scheduled class can result in the final grade being lowered one letter grade. For example, if a student’s final grade is an A, one absence can result in that grade being lowered to a B.
  - Three assignments counting 16% each = 48% total
  - Paper I = 15%
  - Paper II = 15%
  - Paper III = 22%

### **Grading Scale**

The grading scale for this class is the following:

94-100% = A	74-76% = C
90-93% = A-	70-73% = C-
87-89% = B+	67-69% = D+
84-86% = B	64-66% = D
80-83% = B-	60-63% = D-
77-79% = C+	59 and below = F

## **Course Policies for Drugs in Our Society (PHR 310K and PHR 350K)**

The following course policies and procedures were developed with two guiding principles in mind: (1) to create an appropriate learning environment for students; and (2) to maintain academic integrity for the course and the university. Students need to know what is expected and know their responsibilities from the beginning of the course. Hopefully, this will eliminate or reduce problems regarding teaching, student conduct, course policies and procedures. Therefore, it is very important that you read and understand the following information.

**You are students at an elite university and this course is being offered and taught by instructors from a professional pharmacy program. All the instructors expect courteous and professional behavior from students. Likewise, the instructors pledge to conduct the course in a professional manner.**

### **Attendance and Class Decorum**

- You will be **REQUIRED** to attend **ALL** scheduled class meetings and arrive on time. Attendance will be taken during each class time. Arriving late disturbs fellow students and the instructor. You are responsible for **ALL** material covered in class and **ALL** announcements made in your absence. Failure to show up for class will result in your grade being lowered by one letter grade. If you are unable to attend class due to an illness or emergency, please contact Professor Rush as soon as possible. Proof or documentation of the absence may be required. An additional assignment may be given to the student for partial make-up for the missed class time.
  
- Please respect your fellow students and the instructors. Excessive talking, distractions and noise can be troublesome for students and instructors. Many times instructors are not aware of noise or distractions, thus if you have trouble hearing the lectures because of distractions around you please inform Professor Rush or the instructor.
  
- Please let the instructor know immediately of any problem(s) which is preventing you from performing satisfactorily in this class.
  
- Computers in the classroom are allowed if they are used on the lecture material being presented. Other uses are not allowed.
  
- All assignments will be due **by 11:59pm** on the date indicated on the course syllabus. All assignments will be submitted on Canvas as Word documents to allow for feedback directly on the document. Assignments not turned in by that time will be considered late. A penalty of 10% of total points possible will be assessed for late assignments.

### **Academic Integrity**

- “Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties including failure of the course involved and dismissal from the University. Since dishonesty harms the individual, fellow students, and the integrity of

the University and the College of Pharmacy, policies on scholastic dishonesty are strictly enforced."

Please refer to the Student Judicial Services website

(<http://www.utexas.edu/depts/dos/sjs/>) for the official University policies and procedures on scholastic dishonesty.

### **Academic Accommodations**

- "The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259 (471-4641 TTY)."

### **Writing Component Guidelines**

**Writing Center:** I strongly encourage you to use the Undergraduate Writing Center, FAC 211, 471-6222: <http://www.uwc.utexas.edu/>). The Undergraduate Writing Center offers free, individualized, expert help with writing for any UT undergraduate, by appointment or on a drop-in basis. Any undergraduate enrolled in a course at UT can visit the UWC for assistance with any writing project. The consultants there work with students from every department on campus, for both academic and non-academic writing. Whether you are writing a lab report, a resume, a term paper, a statement for an application, or your own poetry, UWC consultants will be happy to work with you. Their services are not just for writing that has "problems." Getting feedback from an informed audience is a normal part of a successful writing project. Consultants help students develop strategies to improve their writing. The assistance they provide is intended to foster independence. Each student determines how to use the consultant's advice. The consultants are trained to help you work on your writing in ways that preserve the integrity of your work.

- **310K** students will have three short required writing assignments. Each paper will have specific guidelines and a grading rubric for students to follow. Two papers will be peer-reviewed during class and time will be allowed for the student to make changes before turning in the final paper for grading. The additional paper will be a short reflection based on a required viewing assignment.
- **350K** students will have the same assignments as 310K students plus an additional longer writing assignment at the end of the semester. Each paper will have specific guidelines and a grading rubric for students to follow. A draft of the final paper that is for 350K students only will be turned in for Instructor/TA review. The reviewed paper will be given back to the student and time allowed to make any changes before turning in the final paper for grading. Although the Instructor/TA will attempt to identify obvious problems, the student should not assume that all errors on the draft copy will be identified. The purpose of the draft is to give students some guidance on the paper's quality and an idea of what is expected.
- **Final versions** of each paper are due ***by 11:59pm*** on the dates indicated on the course schedule. All papers will be submitted on Canvas as Word documents to allow for feedback directly on the document. Papers not turned in by that time will be considered late. A penalty will be assessed for late papers.

- The University considers plagiarism (presenting someone else’s work as your own) to be a form of scholastic dishonesty. Whenever a student quotes another person’s work, whether published or unpublished, that source must be acknowledged. Even if paraphrased, credit should be given to the person who stated the idea being used.
- **Topics:** The topics for each writing assignment along with specific details and grading rubrics will be posted on Canvas on the Assignments page.
- **References format:**
  - We will be utilizing the American Psychological Association (APA) documentation style. Please refer to the following link from the Writing Center: <http://personal.crocodoc.com/YJNdSyU>
  - Access dates are required for all URLs.
  - References need to be single-spaced with one space between references.
  - References need to be from the year 2000 and up.

<b>Schedule – Summer 2016</b>			
<b>NOTE: Schedule is subject to change without advance notice.</b>			
<b>Date</b>	<b>Topic</b>	<b>Instructor</b>	<b>Assignment Due Dates</b>
June 2	<b>NO CLASS</b>		
June 7	<ul style="list-style-type: none"> <li>• <b>IRB and Human Studies</b></li> <li>• Introduction</li> </ul>	<b>Dr. Jim Wilson – guest speaker</b> Prof. Rush	
June 9	<ul style="list-style-type: none"> <li>• Website Resources and Article Analysis</li> <li>• Types of Drugs and Drug Regulation</li> <li>• Vaccines</li> </ul>	Prof. Rush	
June 14	<ul style="list-style-type: none"> <li>• <b>Writing in Process</b></li> <li>• Drug Industry and the Drug Approval Process</li> <li>• Counterfeit Drugs</li> </ul>	<b>Writing Center – guest speaker</b> Prof Rush	
June 16	<ul style="list-style-type: none"> <li>• Drug Development Exercise</li> </ul>	Group work	
June 21	<ul style="list-style-type: none"> <li>• <b>Peer review of Essay I</b></li> <li>• Drug Development Exercise</li> </ul>	<b>Writing Center – guest speaker</b> Group work	<b>Bring Essay I draft to class</b>
June 23	<ul style="list-style-type: none"> <li>• Drug Development Exercise Presentations</li> </ul>		
June 26			<b>Essay I Due – 310K &amp; 350K</b>

June 28	<ul style="list-style-type: none"> <li>• <b>NO CLASS – View ACIP meeting webcast</b></li> </ul>		
June 30	<ul style="list-style-type: none"> <li>• Drug Development Exercise Presentations</li> </ul>	Prof. Rush	<b>Drug Development Exercise Due</b>
July 5	<ul style="list-style-type: none"> <li>• Drug Development Exercise Discussion</li> <li>• Medication Adherence</li> </ul>		<b>Bring Essay II draft to class</b>
July 7	<ul style="list-style-type: none"> <li>• <b>Peer review of Essay II</b></li> <li>• <b>View Intro to Pharmacology video</b></li> </ul>		
July 12	<ul style="list-style-type: none"> <li>• Alcohol Feud</li> <li>• Drug Jeopardy</li> </ul>	UHS	<b>Essay II Due – 310K &amp; 350K</b>
July 14	<b>NO CLASS – View Lecture Series video</b>		
July 19	<ul style="list-style-type: none"> <li>• <b>Addiction Science</b></li> </ul>	<b>Dr. Carl Erickson – guest speaker</b>	<b>Lecture Series Reflection due</b>
July 21	<ul style="list-style-type: none"> <li>• Legal Marijuana and E-cigarette discussion</li> </ul>	Prof. Rush	<b>Essay III Draft Due – 350K only</b>
July 26	<ul style="list-style-type: none"> <li>• Medication Storage</li> <li>• Basic First Aid</li> </ul>	Prof. Rush	<b>Medication Adherence Exercise due</b>
July 28	<ul style="list-style-type: none"> <li>• OTC Series</li> </ul>	Prof. Rush	
Aug 2	<ul style="list-style-type: none"> <li>• OTC Series</li> </ul>	Prof. Rush	
Aug 4	<ul style="list-style-type: none"> <li>• Vitamins and Complementary Alternative Medicines</li> </ul>	Prof. Rush	<ul style="list-style-type: none"> <li>• <b>Reviewed Essay III Draft turned back</b></li> </ul>
Sunday, Aug 7			<b>Essay III Due - 350K only</b>
Aug 9	<ul style="list-style-type: none"> <li>• Dosage Forms</li> </ul>	Prof. Rush	
Aug 11	<ul style="list-style-type: none"> <li>• Discussion</li> <li>• Course Evaluations</li> </ul>		