

**HOSPITAL PHARMACY**  
**PHM 388K**  
**Unique # 59820-Austin; 59830-San Antonio; 59835-RGV**  
**FALL 2016 COURSE SYLLABUS**

**Instructor:** Donna Burkett, R.Ph, M.S.  
CV Available on Canvas®

**Local Coordinators:** San Antonio: Jim Koeller  
RGV: Lydia Aguilera

**Office:** PHR 3.209B  
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**Office Hours:** Tuesdays & Thursdays, 11:30am-noon or by appointment

**Lecture:** Tuesdays & Thursdays, 10am-11:30am  
**Location:** PHR 3.106

**Website:** Canvas site ([canvas.utexas.edu](http://canvas.utexas.edu)) for class information, assignments, supplementary material, lecture notes, and class documents

**Useful Websites for class:** ASHP [www.ashp.org](http://www.ashp.org)  
The Joint Commission [www.jointcommission.org](http://www.jointcommission.org)  
Agency for Healthcare Research and Quality (AHRQ) [www.ahrq.gov](http://www.ahrq.gov)  
CMS [www.cms.gov](http://www.cms.gov)  
Medicare Hospital Compare Quality <http://www.hospitalcompare.hhs.gov/>  
Institute for Safe Medication Practices [www.ismp.org](http://www.ismp.org)

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**Course Description and Learning Outcomes:**

The prerequisite for this course is admission to the professional pharmacy curriculum.

The objective of this course is to enhance student knowledge of the many aspects of hospital or health system pharmacy and enable students to have a much richer institutional advanced pharmacy practice experience (APPE). This course will be an orientation to hospital pharmacy which will include the history of hospital pharmacy, how a pharmacy interfaces with the total hospital operation, the personnel utilized within the pharmacy, pharmacist roles and models of practice, the standards of practice, technology used in pharmacy, and the distributive functions of the pharmacy. The course will also cover some clinical and management aspects of the hospital pharmacy, including drug diversion and medication errors.

In addition to lectures, there will be several group exercises designed to introduce students to entry-level competencies\* needed for pharmacy practice in hospitals and health systems.

Related to those competencies, at the end of this course students will be able to:

- Describe the medication use process in health-systems, including how pharmacy impacts the safety of storage, prescribing, transcription, dispensing, administration and monitoring steps.
- Describe the basic drug procurement process, including the formulary system and the role of the Pharmacy and Therapeutics Committee.
- Compare and contrast clinical and distributive roles of pharmacists and pharmacy technicians, including how their effective interface can translate into safe and effective medication therapy.
- Identify the basic functionality of commonly used automated systems related to the medication use process.
- Identify how the national standards, guidelines, best practices, and established principles and processes relate to quality and safe medication use. (e.g. Joint Commission standards, Core Measures, ASHP Hospital Standards, National Patient Safety Goals).
- Describe how performance improvement techniques are used in health systems and how they are used to improve the medication use process.
- Given a simulated case, discuss appropriate therapeutic recommendations related to medication therapy.
- Given a simulated pharmacy-related problem, demonstrate effective problem solving skills.

Specific learning objectives will be presented at the beginning of each lecture relative to the topic being discussed. The lectures will be conducted informally with participation by the students expected. This participation will require the students to read the assigned material before attending class. There will be quizzes at the beginning of class over the required reading materials and lecture. We will also have class discussions on current issues/articles of interest.

*\*Entry-level Competencies Needed for Pharmacy Practice in Hospitals and Health-Systems, ASHP-ACPE Joint Task Force, Fall 2010*

**Point Allocations:**

Quizzes	100 points
“Final”	100 points
Group Assignments	100 points
Total Points	300 points

**Grading Scale:**

93-100% = A
90-92% = A-
87-89% = B+
83-86% = B
80-82% = B-
77-79% = C+
73-76% = C
70-72% = C-
68-69% = D+
66-67% = D
65% = D-
0-64% = F

**Course Policies & Procedures for Hospital Pharmacy (PHR 372K)**

Please read and examine the following course rules and information. They were developed to create an appropriate learning environment and to maintain academic integrity for the course and the university. It is extremely important that you understand these rules before the course begins.

1. Class attendance is highly recommended. Part of your grade will be based on class participation. Classes will start and end on time. Please arrive on 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.

The class will be divided into work groups. Please bring your laptop to class for working on assignments with students in remote sites. You will be utilizing Google Docs and/or other technology to work with your group outside of class on homework assignments. I have found Google Hangout to work very well for this. You might want to use this outside of class and we may use it in class for some exercises. Therefore, please look into setting up Google Hangout to enable its use. I have copied a U-Tube link that may help you in setting it up.

<https://www.youtube.com/watch?v=3--c7GGwD4E>

2. 10 gigabytes per week of bandwidth is recommended for this course. It is your responsibility to ensure you have adequate network bandwidth for this course. Unless otherwise instructed, turn off phones or place them in airplane mode. Turn off any cellular hotspots/tethering services, Bluetooth headphones and other wireless devices (just as you would on a flight). Use your laptop or tablet for class work. Do not use high bandwidth applications like Hulu, YouTube, Netflix, FaceTime, Skype video. Limit the amount of non-classwork wireless use. For information on how to purchase extra bandwidth, go to <http://www.utexas.edu/its/help/network/403>.
3. The “final” will be a Joint Commission survey at the end of the course. You will be working in groups to complete the “final.”
4. No quizzes or assignment grades will be dropped. Students with an unapproved absence from an exercise/test will be given zero points for that exercise/quiz.
5. Grades will be posted using Canvas. Students have up to 7 days after the grades are posted to review and appeal their grades. The appeals are to be written and submitted to the instructor within the 7 day period. No appeals will be accepted after the 7 day review period has expired.
6. Quizzes will cover information from lectures, readings, handouts, or assignments.
7. In-class quizzes begin and end promptly at the designated time. Quiz and assignment grades will be posted in Canvas. There will be no make-up for missed quizzes. Students who miss a quiz will receive a zero for that quiz. If a student enters the classroom after the quiz has started, no additional time will be allotted to take or complete the quiz.
8. Students are not permitted to copy, reproduce, or distribute quizzes, portions of quizzes, or quiz questions by any means, including but not limited to photocopying, photography, and written transcription.
9. Required readings, handouts and lecture notes will be posted in Canvas. There are no required textbooks for this class.
10. The course will use live in-class lectures and discussions. I like to discuss current events in class so the course schedule of topics is subject to change. Please check Canvas frequently for assignments and changes to the schedule of topics. Required readings will be posted on Canvas. Supporting material for lectures will be posted to the course on Canvas according to the course schedule. Every reasonable effort will be made to post course material to Canvas at least 24 hours prior to the scheduled class date.
11. Policy on Academic Integrity: “Pharmacy practitioners enjoy a special trust and authority based upon the profession’s commitment to a code of ethical behavior in its management of client affairs. The inculcation of a sense of responsible professional behavior is a critical component of professional education, and high standards of ethical conduct are expected of pharmacy students. Students who violate University rules on

scholastic dishonesty are subject to disciplinary penalties, including failure of the course involved and dismissal from the college and/or the University. Since dishonesty harms the individual, fellow students, and the integrity of the University and the College of Pharmacy, policies of scholastic dishonesty will be strictly enforced in this class.”

Students are expected to work independently on all quizzes. Any student caught cheating will be given a zero on the quiz (minimum). Any student suspected of dishonesty will be reported to the Dean of the College of Pharmacy and to the Dean of Students, as per University regulations. Students are expected to have read and understood the current issue of the General Information Catalog published by the Registrar’s Office for information about procedures and about what constitutes scholastic dishonesty.

The UT Honor Code: “The core values of the University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the university is expected to uphold these values through integrity, honesty, trust, fairness, and respect towards peers and community.”

12. Policy on Plagiarism: 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. “Not giving credit where credit is due will damage your reputation as a trustworthy researcher.” Policies on plagiarism and referencing can be found on the UT web site <http://www.utexas.edu/lbj/writing/plagiarism.pdf>.
13. Academic Accommodations: The University of Texas at Austin provides upon request appropriate academic accommodations for qualified students with disabilities. All University rules concerning accommodations must be followed, including the student arranging for special accommodations *prior to each examination*. In the absence of such *prearrangement*, it will be assumed that the student is not requesting special accommodations for that exam and will be expected to take the exam with the rest of the class at the regularly scheduled exam time. “Students with disabilities may request appropriate academic accommodations from the Division of Diversity and Community Engagement, Services for Students With Disabilities at (512) 471-6259 (voice) or (512) 232-2937 (video phone) or [www.utexas.edu/diversity/ddce/ssd](http://www.utexas.edu/diversity/ddce/ssd).”
14. Religious Holy Days: By UT Austin policy, you must notify me of your absence at least fourteen days prior to the date of observation of a religious holy day. If you must miss a class, an examination, a work assignment, or a project in order to observe a religious holy day, I will give you an opportunity to complete the missed work within a reasonable time after the absence.
15. Behavioral Concerns Advice Line (BCAL): If you are worried about someone who is acting differently, you may use the Behavior Concerns Advice Line to discuss by phone your concerns about another individual’s behavior. This service is provided through a partnership among the Office of the Dean of Students, the Counseling and Mental Health

Center (CMHC), the Employee Assistance Program (EAP), and The University of Texas Police Department (UTPD). Call (512) 232-5050 or visit <http://www.utexas.edu/safety/bcal>.

16. Use of E-mail for Official Correspondence to Students: E-mail is recognized as an official mode of university correspondence, therefore, you are responsible for reading your email for university and course-related information and announcements. You are responsible for keeping the university informed about changes to your e-mail address. You should check your e-mail regularly and frequently. I recommend daily, but at a minimum twice a week to stay current with university-related communications, some of which may be time-critical. You can find UT Austin's policies and instructions for updating your email address at <http://www.utexas.edu/its/help/utmail/1564>.
17. Use of Canvas in Class: In this class I use Canvas, a Web-based course management system with password-protected access at [canvas.utexas.edu](http://canvas.utexas.edu) to distribute course materials, to communicate and collaborate online, to post grades, to submit assignments, and to give online quizzes and surveys. You can find support in using Canvas at the ITS Help Desk at (512) 475-9400, Monday through Friday, 8 a.m. to 6 p.m., so plan accordingly. You will be sent an email prior to class giving you instructions on how to use it. The lectures will be videotaped and available on Canvas.
18. Campus Carry: Students should familiarize themselves with the information provided by the University regarding the implementation of "Campus Carry" legislation. You will find an information sheet specifically for students (as well as sheets for parents, visitors, faculty, and staff) at <http://campuscarry.utexas.edu/info-sheets>.
19. Emergency Evacuation Policy: Occupants of buildings on the UT Austin campus are required to evacuate and assemble outside when a fire alarm is activated or an announcement is made. Please be aware of the following policies regarding evacuation: Familiarize yourself with all exit doors of the classroom and building. Remember that the nearest exit door may not be the one you used when you entered the building.

If you require assistance to evacuate, inform me in writing during the first week of class. In the event of an evacuation, follow my instructions or those of class instructors. Do not re-enter the building unless you are given instructions by the following: Austin Fire Department, the UT Austin Police Department, or the Fire Prevention Services office. The link to information regarding emergency evacuation routes and emergency procedures can be found at: [www.utexas.edu/emergency](http://www.utexas.edu/emergency).

*Please note: If you are not on the UT Austin campus, you must contact the appropriate authorities regarding your campus.*

## HOSPITAL PHARMACY PHM 388K

Fall 2016

### TENTATIVE SCHEDULE OF CLASS TOPICS AND ASSIGNMENTS

*\*\*This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected. Other articles of interest will be added during the semester. Detailed explanation of quizzes and assignments and course activities may be found in Canvas.*

<b>DATE</b>	<b>TOPIC</b>	<b>READING ASSIGNMENTS</b>
August 25	Introductions and Course Objectives	<i>Fill out questionnaire</i>
August 30 & September 1	Historical Background of the Hospital Organization and Definition of the Hospital Current Issues Facing Hospitals	<i>“Andrew’s Not so Excellent Adventure”-J.D. Beckham “Near Misses and Incidents” – David Angaran  AHA Fast Facts on US Hospitals</i>
September 6 & 8	Hospital Pharmacy Standards  History of Hospital Pharmacy	<i>ASHP – A History of ASHP Mission and Vision – ASHP ASHP Statement on Policies &amp; Guidelines ASHP Minimum Standards 2013 ASHP Statement-Standards-Based Pharmacy Practice in Hospitals</i>
September 13 & 15	Pharmacy Practice Model Initiative (PPMI)	<i>PPMI Exec. Summary from ASHP <a href="http://www.ashp.org/PPMI/AboutPPMI/Overview.aspx">http://www.ashp.org/PPMI/AboutPPMI/Overview.aspx</a></i>
September 20 & 22	Organizations Influencing Hospital Pharmacy	<i>Read documents in Canvas under the Module: Organizations Influencing Hospital Pharmacy</i>
September 27 & 29	Pharmacists in Institutional Practice/Leadership	<i>Read documents in Canvas under the Module: Pharmacists in Institutional Practice/Leadership</i>
October 4	Ancillary Personnel	<i>Read documents in Canvas under the Module: Ancillary Personnel</i>
October 6	Drug Distribution and the Unit Dose System	<i>ASHP Survey - Dispensing and Administration 2008</i>
October 11 & 13	Health Information Technology/Pharmacy	<i>ASHP Automation and IT Positions ASHP Letter to CMS</i>

	Informatics	
October 18	Provider Status	<i>2015 Healthcare Forecast McInnis,MD The Role of the Clinical Pharmacist, ACC</i>
October 20, 25 & 27	The Joint Commission, National Patient Safety Goals & Quality Measures	<i>Read documents in Canvas under Module: The Joint Commission, National Patient Safety Goals &amp; Quality Measures</i>
November 1 & 3	Pharmacy & Therapeutics Committee/Formulary System/GPO Rising Drug Costs Drug Shortages	<i>ASHP Guidelines on P&amp;T Committee and the Formulary System Pharmacy OneSource Blog-Antibiotic Shortages</i>
November 8 & 10	Narcotic Control & Drug Diversion Joe Lewis-Diversion Investigator, Parkland Hospital	<i>Read documents in Canvas under Module: Narcotic Control &amp; Drug Diversion</i>
November 15 & 17	Medication Errors & Patient Safety	<i>Lesson From the Denver Medication Error and read documents in Canvas under Module: Medication Errors &amp; Patient Safety</i>
November 22	Core Measures	<i>Jerry James, PharmD,MS, Pharmacy Manager, Texas Health Presbyterian Hospital, Dallas</i>
November 24	<b>Thanksgiving Day</b>	<b>☺Happy Thanksgiving! No Class!</b>
November 29	Medication Errors/Performance Improvement	<i>Joint Commission Survey-Group Assignment</i>
December 1	TJC/Course Evaluation/Wrap Up	<i>Discussion of TJC survey results/action plans</i>