

Pharmaceutical Care Skills II

Phar 6172 (2 credits)

Spring 2008

SYLLABUS

Course Director:

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Assistant Professor

Experimental and Clinical Pharmacology

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Office hours: open door policy

Room and Time

	Date	Time	Room
Lecture	Monday	10:10-11:00	2620 Moos
Lab Section 2	Tuesday	8-9:55	WDH 3-150
Lab Section 3	Tuesday	10:10-12:05	WDH 3-150
Lab Section 4	Thursday	8-9:55	WDH 3-150
Lab Section 5	Thursday	10:10-12:05	WDH 3-150

I have an open-door policy and am generally in my office most days. Friday mornings I reserve for clinic. If you have questions about the course, elective choices, research ideas, the profession, or life in general, please feel free to stop in. I am also happy to respond to both email and voice mail questions, I try to respond within 24-48 hours. If you should need to alert me of an illness or a family emergency, please leave me a voice mail as soon as it is convenient to you.

Course Structure/Philosophy

This course is intended to give the first year pharmacy student an introduction to the pharmacy profession and to begin teaching the skills and values that are necessary to be a competent pharmacist.

Course Structure/Philosophy: This course is intended to give the first year pharmacy student an introduction to the pharmacy profession, emphasizing the skills and values that are necessary to be a competent and caring pharmacist. The course has two basic components. The first is a series of lectures that provide necessary material for successful completion of laboratory activities as well as additional lectures on topics that are important to the practice of pharmacy. The second component is the weekly laboratory activities. These activities are hands-on learning experiences where students have an opportunity to practice pharmacy skills.

Lecture: The lecture for the class will meet once a week for one hour. This session is devoted to laboratory activity set-up and orientation, professional topics, and provides information on how to start caring for patients. Students are expected to attend the lecture prior to participating in each laboratory activity.

Learning Center (Laboratory)

Each student should register for one laboratory section, which will meet once a week for 2 hours. Each laboratory section will be further divided into lab groups. These lab group assignments are posted on the course home page. Students should consult the laboratory schedule to determine the assigned activity for the week. Students then need to review the specific laboratory activities (found on the

course's webpage) and prepare for the appropriate lab. Being prepared for the lab activity is a MUST. As future lab activities (6173-6175) build on earlier lab activities, all labs must be completed.

Honor Code:

Each student is bound by the following specific provisions as part of the Code: Academic misconduct is any unauthorized act which may give a student an unfair advantage over other students, including but not limited to: falsification, plagiarism, misuse of test materials, receiving unauthorized assistance and giving unauthorized assistance. You are required to do your own work on all quizzes and tests. **Students are encouraged to work together and discuss pre-lab and in lab activities, however the work that is turned in must be the students own interpretation of the discussion and can not be copied from another students work. At times, assignments or labs will state that it is an "independent project", which case no group discussions or group work will be allowed.**

In this course, academic misconduct also includes removing course materials, supplies, drugs, equipment or books from the laboratory with out the course director's or laboratory director's permission.

Safety:

The safety of all students, the teaching assistants, and the faculty is of utmost importance in the laboratory setting. Conduct that is potentially and unnecessarily dangerous to one's self or to other individuals will not be tolerated. Examples of potentially and unnecessarily dangerous conduct includes but is not limited to eating or drinking in the laboratory, the inappropriate use of reagents, drugs, or chemicals in the lab, taking such materials out of the lab, horseplay in the lab, and improper handling or disposal of needles, lancets, or other potentially biohazardous materials.

The issue of safety in the parenteral area is of particular importance to me. Be perfectly clear: the improper disposal or handling of needles and lancets places individuals at potentially serious or fatal risk and such actions will be cause for the offending student's immediate removal from the laboratory setting for that day and will constitute the student's immediate breach of their course contract. Ignorance is not an excuse. If you have questions about these safety issues be sure to ask.

Dress and Behavior Code

The Pharmaceutical Care Learning Center is considered to be a professional setting during laboratory sessions. You are required to dress in a neat, clean, and professional manner. Professional demeanor is conveyed to your colleagues and patients in your behavior as well as in your appearance. Therefore, students must wear a clean white lab coat and College of Pharmacy-issued name tag in the lab at all times. Lab coats from outside pharmacies are not acceptable unless the identification of the pharmacy is covered. Clothes that would be inappropriate in a patient care setting (i.e. t-shirts, shorts, open-toed shoes, flip-flops, blue jeans, abdomen exposing or off-the-shoulder shirts, and hats) are not acceptable in the learning center. It is unacceptable and unsafe (because of risk for exposure to chemicals or other hazards) to wear open shoes or shorts.

If you come to lab wearing improper attire, you will automatically be given an S- for the Pre-Lab/Lab Preparation rating for your assigned lab activity. If your improper attire poses a safety concern, you will be asked to leave and make up the activity at a later date. Furthermore, if patients (real or simulated) will be present in the learning activity, you may be asked to leave at the discretion of the instructor or Course Director, requiring you to make up the activity at a later date.

Late arrival in the laboratory is unacceptable. Tardiness will result in the lowering of your grade for the laboratory exercise.

Late arrival in lecture is also unacceptable. Lecture will start each week with announcements. If you miss the announcements you will still be held responsible for the content.

Classroom Etiquette Statement:

Your professional community starts here at the College of Pharmacy with your peers, faculty, preceptors, staff and administration. It is our expectation that you will exhibit professional behavior towards other students and to faculty in the classroom at all times.

Use of lab outside of your section:

The lab is open 7 days a week, 24 hours a day. We do ask that you do not enter the lab during other lab sections as it can be distracting. It is important that labs begin on time and end on time out of fairness to all students. If you attempt to work in the lab during other sections, you will be asked to leave.

	Monday	Tuesday	Wednesday	Thursday	Friday
8-9:55 am	open	6172	open	6172	open
10:10-12:05	open	6172	open	6172	open
1:25-3:20	6174	6174	6174	6174	open
3:35-5:30	open	open	open	open	open

Course and Make-up Policies:

Lab sessions may not be substituted without an excused absence and prior permission from the Course Director. Excused absences for lecture or lab include illness verified by a physician's letter, a serious family emergency, or a University-sponsored or professional event, verified by a note from the leader of the sponsoring organization. **All excused absences must be arranged with the Course Director in advance of the regularly scheduled lab or lecture. If you become sick or a family member becomes sick, or if there is a serious family emergency, please contact the course director as soon as possible.** THERE WILL BE NO ABSENCES EXCUSED FOR EPHECT OUTREACH PRESENTATIONS.

Disability Accommodation:

Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc) who needs to arrange reasonable accommodations must contact the course director and Disability Services (612-626-1333) at the beginning of the semester. All discussions will remain confidential.

Grading in the Course and Course Contracts:

Integrating your knowledge, skills, and personal caring into the provision and process of pharmaceutical care is a primary focus in this course. It is very important to not lose sight of this within the structure of the academic setting and grading. This course will use the "contract for a grade" system. The "contract for a grade" system is specifically designed to emphasize learning skills and activities needed to provide pharmaceutical care while minimizing the emphasis on points and grades.

Each student should read and review the Contract for an A, the Required A Contract Activity, and the Contract for a B. After deciding which contract they wish to agree to, each student should sign one of the course contracts and hand it in at or before lecture **on February 4, 2008**. Questions or advice regarding the criteria on each contract are welcome and should be asked of the Course Director by email, phone, or in person.

A Projects: There are 3 different learning projects that are available as "A projects" this year in hopes that they will meet most students learning needs. The A projects are designed to enhance, reinforce and expand on the pharmaceutical care learning center objectives and to allow students an opportunity to direct their learning into areas of interest or areas that they would like to improve on. The 3 projects this semester

1. Attendance at the APhA Annual meeting in Atlanta followed by a group reflection.
2. Cytochrome P450 2D6 phenotyping experiment
3. Drug Information Questions

Each of these is further described in the A Project Document.

Definitions of ratings in the "S+/S/S-" System:

Within the contract for a grade system, it is important to provide additional qualitative feedback to students about their level of performance relative to the learning objectives and to the care of their simulated patients and community teachers. The course will use a "S+/S/S-" rating system to add this qualitative feedback. All determinations of ratings will be made by 1) the teaching assistants with the guidance and supervision of the Course Director or 2) the Course Director herself. The definitions for each are given below.

"S":

To be considered satisfactorily completed and receive an "S" rating, activities must meet the following criteria:

1. Be completed and handed in at their due date/time
2. Show appropriate effort for thoroughness and accuracy in meeting the learning objectives and providing patient care.
3. Be completed in accordance with the Honor Code.

"S+":

To receive a rating of "S+", the activity must meet the criteria for an "S" rating and not meet any criteria for an "S-" rating. In addition, the student's method of completing the activity and the activity's result must provide optimal patient care in every detail (within the limitations of the activity itself).

"S-":

The purpose of the "S-" rating is to help the student identify components of their work that would hinder the appropriate provision of Pharmaceutical Care or any pharmacy services to patients.

A rating of "S-" will be given if a component of the rated activity is completed in a fashion:

1. That would provide less than satisfactory care to the patient or result in harm to the patient.
2. That is clearly not consistent with applicable evidence-based literature.
3. That makes part or all of the "deliverable portion" of the activity (verbal or written communication, product, etc.) unusable to the intended recipient (patient or other health care practitioner).
4. That is clearly not consistent with applicable Pharmaceutical Care Learning Center policies and procedures.
5. That is clearly not consistent with applicable practice laws.

Furthermore, an "S-" rating will be given if a student:

1. Reports tardy for a laboratory activity (up to 30 minutes, after which it is considered an absence).
2. The activity is not handed in at its due date and time but is handed in within 24 hours of due date and time.
3. Is not adherent to the Dress Code.
4. Does not observe the policy related to cleanliness as outlined in the syllabus.
5. Has completed an activity with an amount of effort that is less than that necessary to meet the learning objectives but that does not meet the criteria to receive a rating of "U".

Upon receipt of an "S-" rating, the student may be asked to revise some specified component of the activity at the discretion of the Course Director. This revision must be completed in the time and manner specified by the Course Director or the "S-" rating will become an unsatisfactory, receive a "U", and be considered a breach of contract.

For some lab activities, your overall rating on a given component of an activity may be determined by a pre-defined rubric scoring tool. You will be provided with such tools prior to their use as grading and assessment instruments.

"U":

Activities that meet the following criteria will be deemed unsatisfactorily completed, will receive a "U", and thus be considered a breach of the course contract. For each unsatisfactory rating a student receives, their final grade will drop one full letter grade as described in the course contract.

1. The activity is not handed in within 24 hours after its due date and time.
2. The activity is handed in on time but is completed with extremely poor effort that clearly does not meet the majority of the learning objectives and could not provide appropriate patient care.
3. The activity is not completed in accordance with the Honor Code.
4. The activity originally received an "S-" rating AND a revision was called for by the Course Director but the revision was not completed in the time and/or manner specified by the Course Director.

"S+/S/S-" System and the Course Grade:

- 12 labs - Each lab will contain 3-4 ratings
- Final Lab Practical = 3 ratings
- Participation in Miscellaneous Lecture Activities

The highest grade that a student contracting for a B could receive is a B+. A B+ would be awarded to a student who contracted for a B, had 2 or fewer S-'s, and received at least 10 S+'s in the semester. Note: A rating of an S+ does not cancel out a rating of an S-.

The following table shows how the "S+/S/S-" system will be applied to the final course grade.

Final Grade As Determined by the Course Contract and the "S+/S/S-" System*			
Original Contract for an A		Original Contract for a B	
Number of S- ratings received	Final Grade	Number of S- ratings received	Final Grade
4 or fewer	A	4 or fewer**	B
5-6	A-	5-6	B-
7	B-	7	C+
8	C	8	C
9	D	9	D
10 or more	F	10 or more	F

*Unsatisfactory ratings are applied after the above table's criteria are applied. For example, a student contracting for a B who receives 5 "S-" ratings and one unsatisfactory would receive a final grade of C- (B- minus one full letter grade).

**Depending on whether student met criteria for B+.

Course Evaluation

Students will evaluate the course, the faculty and the teaching assistants.

Textbooks

- Thompson JE. A Practical Guide to Contemporary Pharmacy Practice. Williams & Wilkins 1998. (Required)
- Jones RM and Rospond RM. Patient Assessment in Pharmacy Practice. Williams & Wilkins 2003. (Required, this is also a required text for the physical assessment course).
- Handbook of Nonprescription Drugs, 14th Edition, American Pharmaceutical Association, 2004. (Required, this is also a required text for the pharmaceutical care course)
- Dipiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM. Pharmacotherapy: A Pathophysiologic approach. 6th Edition. (Required, this is also a required text for the pharmaceutical care course).
- Cipolle RJ, Strand LM, Morley PC. Pharmaceutical Care Practice. McGraw Hill; 2004. (Recommended)