

Phar 6750: Pharmaceutical Care Skills Lab 4

Course Syllabus Spring 2020
2.0 Credits



This course adheres to the items listed in the College of Pharmacy Central Syllabus:

https://docs.google.com/a/umn.edu/document/d/1artQ5e1rbzxe8IEtWo7BE8k8snZAEgMMz_QcW8yJ-II/edit?pli=1

Meeting Times & Locations

	Day	Time	Duluth Room	Twin Cities Room
Lab 002 (TC only)	Tuesday	8:00 – 9:55 AM	--	WDH 3-150
Lab 003 (TC only)	Tuesday	10:10 AM – 12:05 PM	--	WDH 3-150
Lab 004 / 002 (TC&D)	Tuesday	1:25 – 3:20 PM	216 LSci	WDH 3-150
Lab 005 / 003 (TC&D)	Tuesday	3:35 – 5:30 PM	216 LSci	WDH 3-150
Weekly Discussion	Thursday	10:10 – 12:05 PM	410 Lib	WDH 7-135

Calendars can be found on Course Website: <http://canvas.umn.edu>

Instructional Team

Course Directors

Jared Van Hooser, PharmD

Office: 217 Life Science

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Preferred method of contact: Email

Office Hours: By appointment

Morgan Stoa, PharmD and Nichole Rupnow, PharmD, BCACP

Office: 3-150D Weaver-Densford Hall

Phone: 612-624-1740

Emails: hoeft049@umn.edu and kulin002@umn.edu

Preferred method of contact: Email

Office Hours: By appointment

Teaching Assistants

See course website for roster and contact information

A Note from the Course Instructional Team

Dr. Van Hooser

I am looking forward to bringing my passion and energy around pharmacy to the classroom and PCLC lab this semester, as you continue to acquire new skills and hone old skills from the PCLC lab. I believe it is imperative to explain the evidence behind an answer, as knowing the "why" can help learners move from memorizing towards understanding, applying, evaluating, and creating. We can communicate by telephone, email, or in person. If my door is open, you are welcome to stop in, or we can arrange to meet at a mutually agreeable time by appointment.

Dr. Rupnow

I look forward to learning about your strengths and interests as we work in small groups to advance your pharmacy practice skills that you began last year. I am passionate about providing a safe space for you to learn, be challenged, and perform. I hope to provide you accountability and structure to guide your development while also supporting self-reflection and self-directed learning. If my door is open, you are welcome to stop in. Otherwise, connect with me by phone or email to set up an appointment.

Dr. Stoa

I am looking forward to bringing my passion for pharmacy to the course to inspire students to become excited about their future career as a pharmacist. I am passionate about helping students integrate material from other courses and work experiences into our course using their unique strengths to guide them along the way. My goal is to create a safe learning environment so students are able to explore their interests in pharmacy and use any mistakes along the way as learning points, prior to becoming a pharmacist. If my door is open, you are welcome to stop in or you can feel free to reach out by phone or email to set up a time that works for both of us to meet. I am generally available most Tuesdays, Wednesdays, and Thursdays.

Overview of the Course

See the PCLC Central Syllabus for Course Content, Course Format, Lab Section, and Discussion Section

Phar 6740/6750 Specific Information:

Since this skills lab sequence is primarily a "hands-on" course, we think it is fitting that discussion also be "hands-on" when possible. We will be using a modified team-based (TBL) learning format for our discussions. TBL is an active learning teaching strategy that assists students in learning how to apply course concepts.

TBL components for our course:

- **Working in teams!** Each student is assigned a group intentionally created to maximize the diversity within a team. This allows for a spectrum of experiences and strengths to complete assigned tasks throughout the semester. We will distribute a survey at the beginning of class collecting students' demographic data and previous experiences to help form the groups.
- **RAP: Readiness Assurance Process and Peer Evaluations.** Students are given readings or other preparation materials to be completed before class. Students are expected to come to class prepared and mindfully contribute to the team. Students will be held accountable via the Readiness Assurance Process (RAP) and peer evaluations. The RAP includes an individual test

(iRAT) and a re-taking of the same test as a student team, the team readiness assessment test (tRAT). An appeals process will be described in class. *Note: the content of iRAT/tRAT questions in PHAR 6710/6720 was based on previous labs. The iRAT/tRAT questions for this semester will be based off your pre-discussion preparation materials.*

- **Application Exercises:** Following completion of the RAP, the majority of class time involves the use of application exercises in teams (e.g. patient cases, role playing). These application exercises are designed to help prepare you and develop course skills that will be further assessed during lab activities. The application exercises are also created to encourage the transformation from a small group into a team. We believe the team dynamics are what truly enrich the learning environment.
- **Peer Evaluation:** Assessing your team members' strengths and weaknesses is a critical piece of TBL. Students will complete a self and peer evaluations at a midpoint and end of the semester. The evaluations will have a rating for completion of surveys and another rating based off their peers' evaluations for the end of the semester. Peer assessment helps you prepare to assess peer pharmacists, technicians or others who you will manage. Giving a peer a perfect score when their contribution does not merit it does not help that person change behavior and harms the team. The online evaluations will be anonymous; however, we will encourage an open discussion about team performance in class and opportunities for growth in class.

Book Club

Students will be reading *Cheating Destiny* by James S. Hirsch and participating in an online book club on the course website. There will be three required group meetings (video conference or in person), three group postings, an in-class discussion, and an individual writing assignment associated with the book. See Canvas site for more details. NOTE: if you do not complete your group meetings and/or postings by the deadline, your group will receive a U for the assignment(s).

Calculations

Students are responsible for completing an online calculations assessment with a score of 100%. The exam will have 15 items which review the concepts covered in Phar 6728: Pharmaceutical Calculations. The assessment will be delivered online and will open early in the semester. Students are allowed as many attempts on the exam as they need to pass; however, twenty-four hours must pass between attempts. Students must pass the exam by the date it closes prior to the end of the semester; failure to pass the exam will result in a U rating. The exam must be retaken and passed prior to the end of the semester in order to pass the course. If students earn a perfect score on their first attempt, they earn an S+ grade for the exam. Be sure to completely read the directions on the online quiz; do not round until your final answer. If necessary to round prior to final answer, keep 5 decimal places. Submissions are not hand graded.

Reflection Assignment

To help you develop a process of continual professional development and encourage reflective pharmacy practice, you have ten online guided reflections over the course of the semester. Reflection activities are only open for one week after the lab sequence is completed to keep your ideas, contemplations and considerations fresh and applicable for subsequent labs. Grading is based on the number of completed reflections at the end of the semester. See the course website for further details.

Wellbeing Assignment

Self-evaluation and maintenance of provider wellness is essential to being able to care for patients. To help develop skills to maintain wellbeing and encourage provider wellness, we will require students to complete and document a brief reflection on five activities of daily wellbeing (ADWs) during the semester.

You may use suggestions from PHAR 6740 or design your own activity that you intend to support your wellness and student and future pharmacy practitioner. This requirement will serve as accountability for you to remember themes that were first introduced in *Becoming a Pharmacist* and FIPCC. This is the first year we have included this requirement and are excited to hear your feedback about your experience.

Veterinary Medicine Interprofessional Assignment

To help facilitate interdisciplinary professional development, approximately 3-4 pharmacy students will form a group with approximately 2 third year veterinary medicine students to complete an assignment focusing on caring for mutual patients. Teams will work together to complete questions based on scenarios that require pharmacists and veterinary doctors to work together to provide optimal care. Scenarios will investigate the roles of both professions and the unique aspects they bring to a health care team. Teams will be assigned and posted on Canvas. Please see the Canvas site for additional details regarding this assignment. Failure to meet deadlines for this activity will also result in a U rating.

Prerequisites

- Students must be enrolled in the Pharm.D. program
- Students must have successfully completed Pharmaceutical Care Skills I, II and III and Applied Pharmaceutical Care. Students must be concomitantly registered in all required PD2 courses in order to have the content required to complete integrated activities.
- Topic areas from pre-requisites and co-requisites: documentation and care plans, subject matter (GI, pain, cardiovascular, diabetes, chronic kidney disease), medication history taking skills, aseptic technique, philosophy of pharmaceutical care, literature evaluation skills, motivational interviewing skills, pharmacy calculations, pharmacology, and drug delivery.

Goals & Objectives

See the PCLC Central Syllabus

Course Materials/Requirements

Course Materials

Required Textbooks for Phar 6740/6750

- Hirsch, James. *Cheating Destiny*. New York, NY: Mariner. 2007.
- Zeind, Caroline S., and Michael G. Carvalho. *Applied Therapeutics: The Clinical Use of Drugs*. 11th ed., Philadelphia, PA: Wolters Kluwer, 2017.

See PCLC Central Syllabus for more required and suggested textbooks.

See Central Syllabus for information on the Course Website, Computer / Technology Requirements, Required Equipment

Course Policies

See the PCLC Central Syllabus for policies on Professionalism, Lab Attendance, and Tardiness.

Discussion Attendance for Phar 6740/6750: Although official attendance will not be taken in discussion, participation in group activities, written feedback, and readiness assessment tests (iRATs & tRATs) are a part of your grade, and they cannot be made up. Two discussion ratings (not online book club or peer evaluation) may be dropped during the semester to accommodate for absences. If you have more than two ratings that will be affected by excused absences, please make an appointment with the course director to discuss.

See the PCLC Central Syllabus for policies on Communication, Student Academic Integrity and Scholastic Dishonesty (Honor Code), Dress and Behavior Code, Reference Books, Disruptive Behavior, Safety and Cleanliness, Use of the Learning Center, and Participation and Communication between Campuses via ITV.

Assessments and Grading

Graded Assessments and Assignments

Please see the course Canvas site for preparation materials, specific ratings, and detailed information.

Grading Information

See PCLC Central Syllabus

Final Course Grade

This course is graded on an S/N system. In the Pharmaceutical Care Skills Lab courses, students must earn an S or better on 80% or more of the total ratings to pass the course. **More than 19 non-passing ratings (S- plus U) will result in failure of the course. More than 1 U rating will result in failure of the course.**

Minimum Competency Course directors have the authority to request meeting with students who are not performing to expectations throughout the semester determined by the cutoffs below, are based off of passing 50% or more of performance based assessments in an area.

	Non-sterile Compounding Labs	Sterile Compounding Labs	Patient Care Labs	Online Calculations Exam
Maximum number of S- grades allowed before meeting with course director	3	3	4	0

Schedule

See course Canvas Site for the most current information, materials and ratings.

See Lab Groups and Lab Schedule (posted on Canvas) to determine which lab you will be completing each week.

Week	Labs (Tuesdays)	Discussion (Thursdays) and Deadlines
1/14, 1/16	<i>No Labs</i>	<i>No Discussion</i>
1/21, 1/23	<u>Block 1 Labs</u>	Course Introduction and Team Building
1/28, 1/30	<u>Block 1 Labs</u>	Health Literacy
2/4, 2/6	<u>Block 1 Labs</u>	SOAP Workshop
2/11, 2/13	<u>Block 2 Labs</u>	Diabetes Motivational Interviewing DUE 2/14 at 2300 Online Cheating Destiny Post 1
2/18, 2/20	<u>Block 2 Labs</u>	<i>No Discussion</i> - Legislative Day & time to work with your group on the Veterinary Medicine Interdisciplinary Activity
2/25, 2/27	<i>Research Day - No Labs</i>	Hormonal Contraceptives
3/3, 3/5	<u>Block 2 Labs</u>	Team Reflection and Group Discussions DUE 3/6 at 2300 Online Cheating Destiny Post 2 DUE 3/6 at 2300 Mid-Semester Peer Evaluation
3/10, 3/12	<i>No Class - Spring Break</i>	<i>No Class - Spring Break</i>
3/17, 3/19	<u>Block 3 Labs</u>	No Discussion – Time to work with your group on the Veterinary Medicine Interdisciplinary Activity
3/24, 3/26	<u>Block 3 Labs</u>	Medication Reconciliation
3/31, 4/2	<u>Block 3 Labs</u>	Warfarin Cases DUE 4/5 at 2359 – Veterinary Medicine Interprofessional Assignment DUE 4/3 at 2300 Online Cheating Destiny Post 3
4/7, 4/9	<u>Block 4 Practicals</u>	Book Discussion: Cheating Destiny Due 4/12 at 2300 Cheating Destiny Online Writing Assignment
4/14, 4/16	<u>Block 4 Practicals</u>	<i>No Discussion – Oral Exam Day</i>
4/21, 4/23	<u>Block 4 Practicals</u>	Pulmonary Cases Due 4/24 at 2300 Calculations Exam
4/28, 4/30	PRN: Competency Requirement Activity	Integrated Case SOAP Note Final Peer Evaluations and Course Evaluations Open
5/5, 5/7	<i>Backup Lab Day (e.g. snow day)</i>	IPPE2 Discussion Due 5/8 at 2300 Final Peer Evaluations, Course Evaluations, Wellbeing Assignment, and Qualtrics Survey
5/12, 5/14	<i>No Lab - Finals Week</i>	<i>No Discussion – Finals Week</i>

NOTE: Schedule subject to change at course directors' discretion.

