

University of Montana

## ScholarWorks at University of Montana

---

University of Montana Course Syllabi

Open Educational Resources (OER)

---

1-2014

### PHAR 563.00: Pharmaceutical Care Lab V

Kimberly A. Madson

*University of Montana - Missoula*, [kimberly.madson@umontana.edu](mailto:kimberly.madson@umontana.edu)

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

**Let us know how access to this document benefits you.**

---

#### Recommended Citation

Madson, Kimberly A., "PHAR 563.00: Pharmaceutical Care Lab V" (2014). *University of Montana Course Syllabi*. 2303.

<https://scholarworks.umt.edu/syllabi/2303>

This Syllabus is brought to you for free and open access by the Open Educational Resources (OER) at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Course Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact [scholarworks@mso.umt.edu](mailto:scholarworks@mso.umt.edu).

**PHAR 563 – Pharmacy Practice Lab**  
**SYLLABUS**  
**Spring, 2014**

Course Coordinator:

- Kim Madson, SB 318, ph# 243-6635, kimberly.madson@umontana.edu
- Instructors – All pharmacy practice faculty

Lab location: SB 229

Meeting times: Monday, Tuesday, Wednesday and Thursday at 9:40-12:00pm (Refer to your schedule for day of week you are registered for.)

Goals of the Lab: The goal of this lab is to provide the student with practical information about pharmaceutical care and to enhance skills that will optimize drug therapy management and prepare students for their APPE year. This will include aspects of communication (both verbal and written), physical assessment, skill development, disease state monitoring and clinical assessment.

Course description: The lab is divided into modules each with the intent develop/enhance skills required for successful completion of the APPE year. Individual modules may be designed in small group “stations” to cover the knowledge, attitude and skills required for that particular disease state or topic. Faculty from the department of pharmacy practice who are experts in the topic have designed and developed each lab and will be responsible for the student assessment.

Course materials: A 3-month subscription to the web-based, simulated electronic medical record (EMR), Neehr Perfect, will be REQUIRED for this course.

Objectives:

Upon completion of the course, the student will be able to:

1. Set up and take down the SimMan manikin. This will include connect SpO2 probe and BP cuff, prepare RFID tags, fill the Manikin’s fluid reservoirs, prepare internal compressor for use and start up a simulation in correct order;
2. Demonstrate competence in performing, interpreting and recording examination to the level defined in lab for a given system or anatomic region;
3. Evaluate, assess and articulate aspects of patient cases (in-patient, ambulatory care and community);
4. Perform tests, appropriately assess and counsel on bone density, lipid, glucose, HBA1c, spirometry, INR and blood pressure; and
5. Navigate a patient chart utilizing a simulated EMR and document pharmacy-related activities within the EMR.

#### EXPECTATIONS/ACTIVITIES:

It is the student's responsibility and obligation to:

1. Attend and participate in lab sessions. In cases of sickness or other emergencies necessitating a student's absence from a lab session, the student must contact Kim Madson (at 243-6635 or [Kimberly.Madson@umontana.edu](mailto:Kimberly.Madson@umontana.edu)) to make arrangements to reschedule within the same lab week. Due to the weekly modular format, a lab CANNOT be rescheduled for a different week. If the student is unable to attend a lab module, they will forfeit points for that week or another assignment MAY be given if extenuating circumstances for the absence could not be avoidable.
2. Read assigned materials BEFORE attending lab and prepare written assignments to be handed in to instructor when due or electronically submit assignments when due;
3. Class civility: Your student colleagues have strongly indicated that they wish to spend their valuable time in class listening to topics. They do not appreciate any "side" conversations while the instructor is lecturing. They do appreciate students raising questions about important lecture aspects for further discussion or clarification. Out of respect for your classmates, we will not tolerate excessive and disruptive talking during lecture. The instructor may first ask you to be silent; you may be asked to leave class if you persist in disruptive talking. The professionalism code will be honored. Please note that questions and relevant discussion are encouraged;
4. Due to the fact that the university is utilizing cell phones as a means to communicate emergency issues, cell phones are allowed in class on vibrate mode only. A student caught using their phones for other communication (such as text messaging) will result in the instructor invoking the professionalism code of conduct;
5. This course contributes to specific PharmD program outcomes. To view these outcomes, go to:  
<http://www.health.umn.edu/schools/pharmacy/documents/OutcomesforRequiredCoursesbyYearJuly2012.xlsx>
6. Young children: It may sometimes be necessary for a student to bring their young child to class, due to school illness policy, daycare provider illness, etc. It is acceptable to bring a child to class in these situations. Please remember that children generally are NOT entertained by lectures, so provide some activity for them during class. It is the responsibility of the parent to assure that the child does not disrupt other students;
7. All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at: <http://life.umn.edu/VPSA/name/StudentConductCode>.
8. Accessing patients within the Neehr Perfect EMR simulates the real-world environment of accessing confidential patient records and their protected health information covered by the Health Insurance Portability and Protection Act (HIPAA). For assignment purposes, students will be assigned student-specific patients to document their work, and just like real-world EMRs, there is nothing to restrict one student from looking at another student's work. If a student is detected to have entered a patient record that was NOT assigned to them, this would result in the loss of points for the assignment and if repeated, would invoke a violation of the professionalism code of conduct. (FYI: health care workers have

been fired for accessing patient records inappropriately.) The Neehr Perfect EMR has programs that can detect if a student has accessed a patient inappropriately.

9. If any assignment contains information that is false or unsubstantiated, you **WILL** fail the assignment, and you may fail the course. As a health care professional, if you disseminate information that is wrong you could gravely impact the care that a patient receives. All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at [http://life.umt.edu/vpsa/student\\_conduct.php](http://life.umt.edu/vpsa/student_conduct.php).

Plagiarism is a form of academic dishonesty. This is using anyone else's work as your own. This includes another student's, another author's, etc. If you plagiarize anyone else's work this class, you **WILL** fail the assignment, and you may fail the course. **What is plagiarism?** While everyone has their own concept of this, the guide that will be used for this class is either copying more than six consecutive words verbatim or using more than two sentences in an assignment that reflect the original author's phrasing, sentence structure, and meaning rather than the student's own thoughts, with or without proper citation.

10. Students with disabilities may request reasonable modifications by contacting me. The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students (DSS). "Reasonable" means the University permits no fundamental alterations of academic standards or retroactive modifications. For more information, please consult <http://www.umt.edu/disability>.

**Course Grade 1 credit:**

360 points total for the LAB course.

324 – 360 points	A
288 – 323 points	B
252 – 287 points	C
<252 points	F

	WEEK of:	Module	Faculty (* = primary)	Points	
				Lab	EHR
1	Jan 27 <sup>th</sup>	IPHARM program Introduction, bone density, cognitive and depression screening	Donna Beall* Rachael Zins* Cindy Garthwait Kim Madson	25	
2	Feb 3 <sup>rd</sup>	Intro to EMR	Kim Madson*	10	5
3	Feb 10 <sup>th</sup>	Ambulatory care - Asthma/COPD	Kendra Procacci* Teya Teitje Kim Madson	25	5
4	Feb 17 <sup>th</sup>	President's day Holiday (Monday) *** No regular lab this week *** P3 student will serve as a patient for P2 medication interview		20	
5	Feb 24 <sup>th</sup>	Inpatient pneumosepsis with diabetes	Sarah Miller* Kim Madson	25	5
6	Mar 3 <sup>rd</sup>	Intro to SimMan & cardiology case handouts	Donna Beall* Lisa Venuti* Kim Madson	10	
7	Mar 10 <sup>th</sup>	SimMan Case - cardiology	Donna Beall* Lisa Venuti* Kim Madson	25	
8	Mar 17 <sup>th</sup>	Inpatient cardiac/coag PE	Mike Rivey* Teya Teitje Kim Madson	25	
9	Mar 24 <sup>th</sup>	Oncology & pain management	Kim Madson* Donna Beall	25	5
10	Mar 31 <sup>st</sup>	SPRING BREAK			
11	Apr 7 <sup>th</sup>	Ambulatory Care - anticoagulation	Vince Colucci* Teya Teitje Kim Madson	25	5
12	Apr 14 <sup>th</sup>	Ambulatory Care - HIV	Kerry Haney* Teya Teitje Kim Madson	25	
13	Apr 21 <sup>st</sup>	Ambulatory Care - DM	Katy Hale* Kim Madson	25	
14	Apr 28 <sup>th</sup>	Neurology & psych	Kim Madson* Teya Teitje	25	5
15	May 5 <sup>th</sup>	<b>Final assessment:</b> Lipid, DM, HTN, osteoporosis, & anticoagulation. - Patient counseling - Clinical decision-making - Medication review & assessment (brown bag) - Technique assessment (Cholestech, A1c, blood pressure cuff, coagucheck)	Donna Beall Rachael Zins Teya Teitje Kim Madson	40	
<b>Total Points (360)</b>				330	30