COURSE OUTLINE - PHAR 6222
Advanced Pharmaceutical Compounding
2 Credits, Spring 2018

Course Director: Landen Sanderson, PharmD.
Office: Fairview Compounding Pharmacy 711 Kasota Ave, Mpls, MN 55414
Phone: 612-617-3727   Email: lsander8@fairview.org
Office hours: 8am-4pm

Room: Monday 4:40 – 7:40 WDH 3-150

Learning Objectives: At the conclusion of the course, the student will be able to:
1. Explain methods used to compound most commonly prescribed dosage forms and techniques used to avoid pharmaceutical incompatibilities when compounding such dosage forms.
2. Prepare most dosage forms prescribed today.
3. Implement techniques used to avoid pharmaceutical incompatibilities.


Prerequisites: Pharm D III or permission

Course Requirements: Take exams and quizzes and complete all compounding assignments.

Exams and Assignments: Two midsemester exams. Details of testing format to be worked out after discussion with students. Approximately 50 compounded prescriptions.

Grading Policy: A/N grading based on test score average: 90 - 100% - A, 80 - 89% - B, 70 - 79% - C, 65 - 69% - D. Successful completion of all compounding assignments is required to receive a grade. Compounding assignments may be repeated until a satisfactory dosage form is produced.

Honor Code: Each student is expected to follow the provisions of the Code during tests. Students are encouraged to discuss with each the various aspects of the Compounding assignments:

Compounding assignments: Each student is required to produce his/her own compounded prescription. Compounding a prescription for another student will be considered academic misconduct and will be dealt with under the provisions of the honor code.

Make-up Policy Make-up exams will be given for any reasonable excuse. Non-emergency excuses must be discussed with the course director in advance.
Disability Accommodations:

The University of Minnesota is committed to providing equitable access to learning opportunities for all students. Disability Services (DS) is the campus office that collaborates with students who have disabilities to provide and/or arrange reasonable accommodations.

- If you have, or think you may have, a disability (e.g., mental health, attentional, learning, chronic health, sensory, or physical), please contact DS at 612-626-1333 to arrange a confidential discussion regarding equitable access and reasonable accommodations.

- If you are registered with DS and have a current letter requesting reasonable accommodations, we encourage you to contact your instructor early in the semester to review how the accommodations will be applied in the course.

Additional information is available on the DS website: https://diversity.umn.edu/disability/

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student’s ability to participate in daily activities. University of Minnesota services are available to assist you with addressing these and other concerns you may be experiencing. You can learn more about the broad range of confidential mental health services available on campus via www.mentalhealth.umn.edu
Phar 6222  
Advanced Pharmaceutical Compounding  
2 Credits, Spring 2017  
Course Schedule

<table>
<thead>
<tr>
<th>Topics</th>
<th>Readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>Chap 12, 13, 14</td>
</tr>
<tr>
<td>Solutions</td>
<td>Chap 27</td>
</tr>
<tr>
<td>Topical Semisolids</td>
<td>Chap 8, 23, 30</td>
</tr>
<tr>
<td>Capsules</td>
<td>Chap 10, 25, 26</td>
</tr>
<tr>
<td>1st Exam (40% of Grade)</td>
<td></td>
</tr>
<tr>
<td>Sterile Products</td>
<td>Chap 32 - 35</td>
</tr>
<tr>
<td>Suspensions</td>
<td>Chap 28, 29</td>
</tr>
<tr>
<td>Suppositories</td>
<td>Chap 31</td>
</tr>
<tr>
<td>Miscellaneous Dosage Forms</td>
<td>Chap 18</td>
</tr>
<tr>
<td>2nd Exam (60% of grade)</td>
<td></td>
</tr>
</tbody>
</table>