Fall 9-1-2001

PHAR 309.01: Pharmacy Practice I - Introduction to Pharmacy

Gayle Cochran  
*University of Montana, Missoula*

Lisa C. Barnes  
*University of Montana, Missoula*

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PHAR 309: Pharmacy Practice I
Introduction to Pharmacy
Fall 2001
M-T-Th-F 11:10 a.m. - 12:00 noon SB 114

Course Description: The first in a series of Pharmacy Practice courses, this course is designed to introduce the student to the expanding role of the pharmacist in today’s rapidly changing healthcare environment.

Prerequisite: First professional year in pharmacy

Course Coordinators: Gayle Cochran, Pharm.D.  SB 324  Telephone: 243-6495  geochran@selway.umt.edu
Lisa Barnes, R.Ph., MBA  SB 352  Telephone: 243-4203  lbarnes@selway.umt.edu

Course Format: Lectures, guest speakers, activities outside of the classroom

Required Resources: Medical terminology and abbreviations handout
Calculations problem sets
Clinical Pharmacology Internet access, $35, Cash or check payable to School of Pharmacy, due September 15, to Margaret Bachmeier, SB 316

Goal: The goal of this course is to introduce the student to the profession of pharmacy.

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

- Define professionalism and describe how pharmacy students become healthcare professionals;
- Differentiate among primary, secondary, and tertiary literature sources;
- List three characteristics of a quality medical website;
- Describe the US health care delivery system and the roles of various health professionals on the healthcare team;
- Describe the current and potential roles of pharmacists in the healthcare system;
- Counsel a patient regarding the proper use of selected non-prescription medications;
- Describe the information contained in a prescription;
- Perform calculations associated with the compounding, dispensing and administration of pharmaceutical agents.

Attendance Policy: Students are EXPECTED to attend every class session, actively participate in class discussions and perform satisfactorily on all assignments and examinations. Students unable to attend a particular session must contact the instructor. Please refer and adhere to the student conduct code regarding classroom behavior.
**Required activities/assignments:**
1. Each student will prepare a resume prior to the Big Sky Career Fair on September 26\(^{th}\).
2. Each student will function as a “patient” for PHAR 504/505 Medical History taking exercise during the week of September 24\(^{th}\).
3. Each student will shadow a P-4 student on clinical rotations for a 2 hour block of time during Autumn semester. Your experiences will be discussed in Integrated Studies at the end of Autumn semester or the beginning of Spring semester.
4. Each student will complete their mini-externships (community and hospital) by November 30\(^{th}\) and present on the experiences in Integrated Studies during the week of December 4\(^{th}\).

**Pharmacy Calculations:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Quiz</th>
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<tbody>
<tr>
<td>10/5</td>
<td>Weights &amp; measures; Problem Solving</td>
<td>10/11</td>
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<tr>
<td>10/12</td>
<td>Dosage calculations; units</td>
<td>10/19</td>
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<tr>
<td>10/18</td>
<td>Formulas, specific gravity</td>
<td>10/25</td>
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<td>10/26</td>
<td>Percent and ratio strength</td>
<td>11/01</td>
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<tr>
<td>11/02</td>
<td>Dilution</td>
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<td>11/09</td>
<td>Dilution and alligation</td>
<td>11/15</td>
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<td></td>
<td>Dosage forms in compounding</td>
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**Grading:** The final grade of this course will be based on your performance in the following categories:

- 25%  Calculations quizzes (best five of six quizzes; make up quizzes will **NOT** be given)
- 25%  Pharmacy abbreviation quiz, medical terminology quiz, drug quizzes
- 10%  Assignments (mini-externship, resume)
- 20%  Midterm Exam
- 20%  Final Exam

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<thead>
<tr>
<th>Grade</th>
<th>Score</th>
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<tbody>
<tr>
<td>A</td>
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<td>B</td>
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<td>C</td>
<td>70-79</td>
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<tr>
<td>D</td>
<td>65-69</td>
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<tr>
<td>F</td>
<td>&lt;65</td>
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Class meetings:

Tuesday, Sept. 4  Introduction  Gayle Cochran, Lisa Barnes
Thursday, Sept. 6  Resume writing  Cindy Boies, Career Services
Friday, Sept. 7  Vision of Pharmacy  David Forbes, Dean, SPAHS
Monday, Sept. 10  Professionalism  Herbert Swick, M.D.
Tuesday, Sept. 11  Drug Information Sources  Danielle Dauenhauer, Cathy Bartels
Friday, Sept. 14  Panel Presentation  Board of Visitors, School of Pharmacy
Monday, Sept. 17  Computers in Drug Information  Danielle Dauenhauer, Cathy Bartels

Tuesday, Sept. 18  Learning Strategies  Jean Carter
Final Draft of Resume Due
Friday, Sept. 21  Professional Pharmacy Students  Lori Morin
Monday, Sept. 24  Drug Information Web Sites  Danielle Dauenhauer, Cathy Bartels
Tuesday, Sept. 25  Experiential Education  Gayle Cochran
Thursday, Sept. 27  Overview of Statistics  Tim Stratton

Monday, Sept. 28  Abbreviations Quiz
Final Copy of Resume Due
Tuesday, Sept. 30  Calculations Quiz I

Friday, Oct. 1  Interpreting the Prescription  Bob Williams
Tuesday, Oct. 2  Interpreting the Prescription  Bob Williams
Thursday, Oct. 4  Medical Terminology Quiz
Friday, Oct. 5  Calculations I  Todd Cochran
Monday, Oct. 8  Health Care Systems Overview  Lori Morin
Tuesday, Oct. 9  Other Health Care Professionals  Gayle Cochran
Thursday, Oct. 11  Calculations Quiz I
Friday, Oct. 12  Calculations II  Todd Cochran

Monday, Oct. 15  Pharmaceutical Care  TBA
Tuesday, Oct. 16  Role of the Pharmacist  TBA
Thursday, Oct. 18  Calculations III  Todd Cochran
Friday, Oct. 19  Calculations Quiz II
Monday, Oct. 22  Review  Gayle Cochran, Lisa Barnes
Tuesday, Oct. 23  Mid-term Exam
Thursday, Oct. 25  Calculations Quiz III
Friday, Oct. 26  Calculations IV  Howard Beall
Monday, Oct. 29  Patient Counseling  Lisa Barnes
Tuesday, Oct. 30  Pharmacy Organizations  Jim Smith, Executive Director, MPA
Lee Ann Bradley, MPA President-Elect

Thursday, Nov. 1  Calculations Quiz IV
Friday, Nov. 2  Calculations V  Howard Beall
Monday, Nov. 5  The Physician’s Perspective  Guest speaker
Tuesday, Nov. 6  Community Practice: Chain  Guest speaker
Thursday, Nov. 8  Calculations Quiz V
Friday, Nov. 9  Calculations VI  Howard Beall
Monday, Nov. 12  Veterans Day Holiday
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<tr>
<th>Date</th>
<th>Topic</th>
<th>Instructor(s)</th>
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<tbody>
<tr>
<td>Nov. 13</td>
<td>Community Practice: Independent</td>
<td>Jim O’Connor, Palmer’s Drug</td>
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<td>Jeanine O’Connor, Eastgate Drug</td>
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<tr>
<td>Nov. 15</td>
<td><strong>Calculations Quiz VI</strong></td>
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<td>Nov. 16</td>
<td>Community Practice: Clinic</td>
<td>Paul Brand, Florence Community Pharmacy</td>
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<td>Nov. 19</td>
<td>Rural Health Care</td>
<td>Tim Stratton</td>
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<td>Nov. 20</td>
<td>Managed Care</td>
<td>Donna Beall</td>
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<tr>
<td>Nov. 22</td>
<td>Thanksgiving</td>
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<tr>
<td>Nov. 23</td>
<td>Thanksgiving vacation</td>
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<td>Nov. 26</td>
<td>Ambulatory Care Practice</td>
<td>Larry Dent, Vince Colucci</td>
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<td>Nov. 27</td>
<td>Hospital Pharmacy Practice</td>
<td>Doug Allington, Mike Rivey</td>
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<td>Nov. 30</td>
<td>Long Term Care Pharmacy</td>
<td>Bob Williams</td>
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<td>Dec. 3</td>
<td>Pharmacy Specialization</td>
<td>Sarah Miller, Marian Paynter</td>
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<td>Dec. 4</td>
<td>Home Health &amp; Hospice</td>
<td>Rose Macklin</td>
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<td>Dec. 7</td>
<td>Compounding Pharmacy</td>
<td>Holly Graff, Rocky Mountain Pharmacy</td>
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<td>Dec. 10</td>
<td><strong>Mini-Externship Reports Due</strong></td>
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<td>Dec. 11</td>
<td>Academia</td>
<td>Jean Carter</td>
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<td>Dec. 13</td>
<td>Research/Graduate studies</td>
<td>Vern Grund, Graduate Student</td>
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<tr>
<td>Dec. 14</td>
<td>Residencies/Fellowships</td>
<td>Jeannie Swain, Denice Miller</td>
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<td>Dec. 20</td>
<td>Review</td>
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<td><strong>Final Exam</strong></td>
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