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PHAR 309.01: Pharmacy Practice I - Introduction to Pharmacy

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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
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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 26th.
2. Each student will function as a “patient” for PHAR 504/505 Medical History taking exercise during the week of September 24th
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 30th and present on the experiences in Integrated Studies during the week of December 4th.

Pharmacy Calculations:

Date	Topic	Quiz
10/5	Weights & measures; Problem Solving	10/11
10/12	Dosage calculations; units	10/19
10/18	Formulas, specific gravity	10/25
10/26	Percent and ratio strength	11/01
11/02	Dilution	11/08
11/09	Dilution and alligation Dosage forms in compounding	11/15

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

90-100	A
80-89	B
70-79	C
65-69	D
<65	F

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
	Final Draft of Resume Due	
Tuesday, Sept. 18	Learning Strategies	Jean Carter
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
Friday, Sept. 28	Abbreviations Quiz	
	Final Copy of Resume Due	
Monday, 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	

Class meetings (cont.)

Tuesday, Nov. 13	Community Practice: Independent	Jim O'Connor, Palmer's Drug Jeanine O'Connor, Eastgate Drug
Thursday, Nov. 15	Calculations Quiz VI	
Friday, Nov. 16	Community Practice: Clinic	Paul Brand, Florence Community Pharmacy Tim Stratton Donna Beall
Monday, Nov. 19	Rural Health Care	
Tuesday, Nov. 20	Managed Care	
Thursday, Nov. 22	Thanksgiving	
Friday, Nov. 23	Thanksgiving vacation	
Monday, Nov. 26	Ambulatory Care Practice	Larry Dent, Vince Colucci
Tuesday, Nov. 27	Hospital Pharmacy Practice	Doug Allington, Mike Rivey
Friday, Nov. 30	Long Term Care Pharmacy	Bob Williams
Monday, Dec. 3	Pharmacy Specialization	Sarah Miller, Marian Paynter
Tuesday, Dec. 4	Home Health & Hospice	Rose Macklin
Friday, Dec. 7	Compounding Pharmacy	Holly Graff, Rocky Mountain Pharmacy
	Mini-Externship Reports Due	
Monday, Dec. 10	Academia	Jean Carter
Tuesday, Dec. 11	Research/Graduate studies	Vern Grund, Graduate Student
Thursday, Dec. 13	Residencies/Fellowships	Jeannie Swain, Denice Miller
Friday, Dec. 14	Review	
Thursday, Dec. 20	Final Exam	