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PHAR 451.01: Therapeutics I

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The University Of Montana

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Pharmacy 451 - Therapeutics I

MWF 910-1000 CP204

Fall, 2000 3 credits

Corequisite - Pharmacy 443

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Instructors: Cathy Bartels

Gayle Cochran

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**Required Texts/
Readings:**

1. *Handbook of Nonprescription Drugs*, 12th ed, APhA
2. *Pharmacotherapy*, DiPiro, 4th ed.
3. *Medical Letter on Drugs and Therapeutics*
4. A medical dictionary
5. *Clinical Clerkship Manual*, Boh

Other references:

Applied Therapeutics: The Clinical Use of Drugs, Young and Koda-Kimble

Nonprescription Product Therapeutics, 1st ed., Pray

Nonprescription Drug Therapy: Guiding Patient Self-Care, Facts and Comparisons

(These texts are available in Learning Support Services)

Course Guidelines:

The Therapeutics sequence is designed to allow the student to think creatively and to accept responsibility for his/her own learning; this responsibility will increase from Therapeutics I to II to III to IV. Students will be expected to have completed the required reading for a given lecture *before* the lecture is delivered.

The instructors in this sequence welcome and encourage class participation. Please feel free to ask pertinent questions in class. Also, do not be surprised if you are called on to answer questions or otherwise comment in class. Short in-class writing or group discussion assignments may occasionally be utilized to further develop your thinking skills and to elicit your feedback about the class.

Two written assignments will be required during the semester. Students will be required to monitor their own mean daily individual intake of calories and selected nutrients for a period of at least 3 days, comparing these personal results with Recommended Dietary

Allowances. They will also monitor energy output for this same period. Details of this assignment will be given in the Introduction to Nutrition lecture.

The second assignment will be to complete Over the Counter Products sheet for 10 categories of OTC products as outlined below. For most categories, you will be given a short case scenario and 2 active ingredients or product types to compare. You should pick the one of these ingredients or product types which you would recommend and pick a specific representative product containing this ingredient or of this product type which you would recommend. You will probably find it helpful to visit a store with a selection of OTC products for completion of these assignments. These sheets will be due throughout the semester to coincide with related Integrated Studies sessions. You will be expected to have completed the form before coming to Integrated Studies during the designated week. The Integrated Studies facilitator will collect these forms and return them with comments the following week. You are expected to keep these forms in a notebook; you will add other OTC sheets during subsequent Therapeutics courses.

Over the Counter Products Formulary Categories

Week of Sept. 18 – Oral rehydration solutions

Week of Sept. 25 – Prenatal vitamins

Week of Oct. 2- Multivitamin

Week of Oct. 9 – Appetite suppressant

Week of Oct. 23 – Herbal

Week of Oct. 30 – Iron supplement

Week of Nov. 6 – Hemorrhoidal

Week of Nov. 13 – Contact dermatitis

Week of Nov. 27 - Acne

Week of Dec. 4 – Cold

*Additional reading assignments may be announced throughout the semester.

<u>DATE</u>	<u>TOPIC</u>	<u>LECTURER</u>	<u>READING*</u>
Sept. 6	Pharmaceutical Care	MP	
8	Monitoring Drug Therapy	MP	5:13-1 to 13-15
11	Intro to Nutrition	SJM	www.nal.usda.gov/fnic/ Dietary Guidelines for Americans
12 Tu 9:40	Infant nutrition	SJM	1:439-462
15	Pediatric nutrition (quiz)	SJM	
18	Geriatric nutrition	SJM	
20	Geriatric nutrition	SJM	
22	Nutr in preg/lactation	SJM	
25	No class in lieu of exam		
27	Nutrition in cancer	CLB	
28	Test #1 – 8AM to 9:40AM	SB 114	
29	Nutr in cancer px	SJM	

Oct	2	Healthy heart diet	SJM	
	4	Weight control	SJM	1:465-473
	6	Weight control	SJM	1:473-480
	9	Drug-food interactions (quiz)	SJM	
	11	Alternative medicine	ALG	
		Intake/activity assignment due		
	13	Alternative medicine	ALG	
	16	Alternative medicine	ALG	
	18	Dietary supplements	CLB	1:953-955
	20	IMH conference 9:10-10:10AM University Center		
	23	Oral health	SJM	1:559-582
	25	No class in lieu of exam		
	26	Test #2 - 8AM to 9:40AM SB 114		
	27	Anemia	SJM	2:1531-47
	30	Constipation	SJM	1:273-298
Nov	1	Ext anal, anorectal dz	LD	1:97-111,319-335
	3	Anat/phys of skin;dermatitis (quiz)	LD	1:613-631,633-645
	6	Dermatitis; bites/stings/lice	LD	1:665-678,681-700
	8	Burns/Photoaging	LD	1:715-734,819-827 1:737-752
	10	No class – Veterans' Day		
	13	Fungal/foot disorder/hair loss	LD	1:773-779,795-806, 1:783-795,829-837
	15	Acne	SJM	1:701-714 2:1493-1496
	17	Poison ivy/oak; diarrhea	SJM	1:647-663; 301-318
	20	Nicotine addiction	LD	1:899-912
	27	Cold/allergy	SJM	1:179-212
	29	Cold/allergy	SJM	2:1483-1487
	30	Test #3 - 8AM to 9:40AM SB 114		
Dec	1	Geriatrics	GAC	2:52-59
	4	Geriatrics	GAC	
	6	Eye care	GAC	1:483-506
	8	Contact lenses	GAC	1:509-538
	11	Glaucoma	GAC	2:1466-1477
	13	Ophthalmic infections	GAC	
	15	No class in lieu of exam		
	20	Final exam – 8:10 to 10 – Room TBA		

1:Handbook of Nonprescription Drugs

2:DiPiro

5:Boh

Note that Therapeutics I will meet on Tues 9-12 at 9:40AM in SB 117 and Pharmacokinetics (432) will meet on Wed 9-13 at 9:10AM in CP 204.

Grading:

3 midterm tests: 80 (#1);120 (#2); 100 (#3) points
Final exam (comprehensive, heavily weighted to new material): 100 points
Quizzes: 40 points (20 points each; drop lowest quiz)
3 day diet/activity log: 30 points - due on Oct. 16
OTC formulary: 30 points
TOTAL POINTS FOR COURSE: 500 points

Quizzes: Quizzes are designed to encourage studying between exams (i.e., to discourage cramming). Quizzes will be given at the beginning of class on the 3 days designated on the syllabus. The lowest quiz grade will be thrown out. **NO MAKE-UPS WILL BE ALLOWED FOR QUIZZES (NO EXCEPTIONS);** consider a missed quiz a throw-out quiz. Quizzes will be objective (multiple choice, true-false, or matching).

Exams: Exam format will vary from instructor to instructor, but expect a significant portion of exams to be case-based with answers to be supplied in short answer format. Exams will be given in the pharmacy school exam slot in the late afternoon on dates to be announced the first week of class.

Grading Scale:

90-100%: A
80-89.9%: B
70-79.9%: C
65-69.9%: D
<65%: F

Class civility: Your **student colleagues** have strongly indicated to the faculty that they wish to spend their valuable time in class listening to the therapeutics topics. They **do not** appreciate any "side" conversations while the instructor is lecturing. They **do** appreciate students raising discussion 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 instructor will be the judge of what constitutes disruption. Please note that we **encourage** questions and relevant discussion.