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PHAR 451.01: Therapeutics I

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Pharmacy 451 - Therapeutics I

MWF 910-1000 SB 117

Fall, 2001 3 credits

Corequisite - Pharmacy 443

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Instructors:

Cathy Bartels
Gayle Cochran
Larry Dent
Sarah Miller
Marian Paynter
Jeannie Swain

**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

Expect to use all of these references throughout the next 3 or 4 semesters of Therapeutics and Integrated Studies and throughout clerkship.

Other references:

1. Pharmacy Practice Manual, 2nd ed., Boh – you are encouraged to purchase this reference as you will find it useful throughout the Therapeutics and Integrated Studies sequences and in clerkship for information such as explanations of lab tests and diagnostic procedures, calculations, and kinetics.
 2. *Applied Therapeutics: The Clinical Use of Drugs*, 7th ed., Koda-Kimble and Young
 3. *Nonprescription Product Therapeutics*, 1st ed., Pray
 4. *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.** Some of the learning objectives supplied will not be covered in class; the student will be expected to glean this information from the required readings.

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.

One written assignment 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.

*Additional reading assignments may be announced throughout the semester.

<u>DATE</u>	<u>TOPIC</u>	<u>LECTURER</u>	<u>READING*</u>
Sept. 5	Pharmaceutical Care	MP	
7	Monitoring Drug Therapy	MP	
10	Intro to Nutrition	SJM	www.nal.usda.gov/fnic/ Dietary Guidelines for Americans, Food Guide Pyramid
11	Infant nutrition	SJM	1:439-456
Please note that Phar 451 will meet on Tuesday Sept. 11 at 10:10 AM in CP204 and Phar 432 will meet on Wednesday Sept. 12 at 9:10 AM in SB 117.			
14	Pediatric nutrition (quiz)	SJM	
17	Geriatric nutrition	SJM	
19	Geriatric nutrition	SJM	
21	Geriatrics	GAC	2:52-59
24	Geriatrics	GAC	
26	Exam #1 – 80 points		
28	Nutr in pregnancy/lactation	SJM	
Oct 1	Nutrition in cancer px	SJM	
3	Heart-healthy diet	SJM	
5	Weight control	SJM	1:465-73
8	Weight control (quiz)	SJM	1:473-80
10	Drug-food interactions	SJM	
	Assignment due		
12	Alternative medicine	CLB	
15	Alternative medicine	CLB	
17	Alternative medicine	CLB	
19	No class		
22	Dietary supplements	CLB	1:953-55
24	Exam 2 – 100 points		
26	Oral health	SJM	1:559-582

	29	Anemia	SJM	2:1531-47
	31	Constipation/diarrhea	SJM	1:273-298
Nov	2	Anat/phys of skin; dermatitis	JS	1:613-31
	5	Dermatitis; psoriasis(quiz)	JS	1:633-45; 2:1496-1502
	7	Acne	JS	1:701-14; 2:1490-6
	9	Foot disorders; fungus	JS	1:773-9, 782-807
	12	Veteran's Day – no class		
	14	Burns; sun-induced disorders;JS		1:715-34, 737-52, 819-27
		photoaging		
	16	Poison ivy; bites/stings;lice	JS	1:647-63, 681-700
	19	Exam 3 – 100 points		
	21	Travel day – no class		
	23	Holiday – no class		
	26	Hair loss; diaper rash/prickly heat; anorectal	JS	1:829-37, 664-78, 319-35
	28	Cold/allergy	SJM	1:179-212
	30	Cold/allergy	SJM	2:1483-1487
Dec	3	Glaucoma	GAC	1:483-506
	5	Contact lenses (quiz)	GAC	1:509-538
	7	Eye care	GAC	2:1466-1477
	10	Ophthalmic infections	GAC	
	12	Nicotine addiction	LD	1:899-912
	15	Nicotine addiction	LD	JAMA

2000;283:3244-54.

18 Final exam – 10:10 to 12 – Room TBA – 120 points

1:Handbook of Nonprescription Drugs

2:DiPiro

Grading:

3 midterm tests: 80 (#1);100 (#2); 100 (#3) points

Final exam (comprehensive, heavily weighted to new material): 120 points

Quizzes: 60 points (20 points each; drop lowest quiz)

3 day diet/activity log: 40 points - due on Oct. 10

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 4 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.

Grading Scale:

90-100%: A

80-89.99%: B

70-79.99%: C

65-69.99%: 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.