

PHR 282Q: Pediatric Pharmacotherapy

Fall Semester 2006

Class Schedule: Tuesday 3:30-5:30 PM (2:30-4:30 PM Mountain Time)

Classrooms: Austin PHR 4.114 (62955)
UTEP (62960)
Pan Am B003 (62965)

Faculty: Melissa Johnson, Pharm.D. L. Cliff Littlefield, Pharm.D.
Clinical Assistant Professor William J. Sheffield Professor of Pharmacy
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Director and Clinical Associate Professor
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Course Description:

The course is designed to provide an introduction to the pathophysiology and pharmacotherapy issues related to infants and children. The course will prepare the student with a knowledge base and problem-solving skills to provide pharmaceutical care to this population. The course will provide instruction through lectures, case-oriented group discussions with the instructor and guest lecturers and assigned practice problems.

Class Goals:

1. Increase student understanding of unique aspects of pediatric pharmacy practice.
2. Student exposure to identifying and solving pharmacotherapy problems in infants and children.

Course, Attendance and Grading Policies:

Computer access and current UTEID will be necessary for obtaining required reading, lecture handouts and practice problems. This material will be accessed via the course Blackboard website (<http://courses.utexas.edu>). You will be responsible for checking the Blackboard course site regularly for class work and announcements. All lectures will be posted to Blackboard at least 48 hours prior to the lecture date. In this course e-mail will be used as a means of communication with students. You will be responsible for checking your e-mail regularly for class work and announcements also.

Class attendance is your responsibility and is expected. If you miss a class for any reason, you will be held responsible for all material covered and any announcements made during class. Case discussions will be an integral part of the learning in this course and therefore attendance and participation is highly encouraged.

The course grade will be calculated as follows:

First Examination	100 points (40% of final grade)	A = 90-100 %
Second Examination	100 points (40% of final grade)	B = 80-89 %
Practice Problems (10 each)	40 <u>points</u> (20% of final grade)	C = 70-79 %
Total	240 points	D = 60-69 % F = 0-59 %

No allowances will be made for an exam being missed, other than documented illness or emergency. Once verified, make up exams will be held at the discretion of the instructor and require the submission and approval of a "Student Request for Alternate Examination Time" form. Unexcused absences from exams may result in a grade of zero for that exam. Students should be on time for examinations and no student will be allowed to enter after any student has finished the exam and left the room.

Following the grading of each exam, the grades will be posted on the Blackboard course website (Gradebook). Any questions regarding the grading of the exams should be addressed to the instructor in writing or via email within 72 hours of posting the exam results.

Academic dishonesty:

Students are expected to work independently on examinations. Students are expected to adhere to the College of Pharmacy Honor Code. Any student suspected of academic dishonesty will be reported to the Dean's Office of the College of Pharmacy and the University dean of Students, as per University regulations.

Students with disabilities:

The University of Texas at Austin provides upon request appropriate academic adjustments for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-4641 TDD.

Required Textbook:

Dipiro, Talbert, Yee, et al. *Pharmacotherapy: A Pathophysiologic Approach*, 6th Edition, Appleton & Lange, 2005.

Additional **required** readings and/or materials will be available through the course website on Blackboard.

Course Schedule

Class Date	Topic (practice problem due)	Instructor
September 5	Introduction / Pediatric Pharmacotherapy	M Johnson
September 12	Pharmacokinetic / Pharmacodynamic Differences	M Johnson
September 19	Neonatology	M Johnson
September 26	Fluid and Electrolytes / Childhood Nutrition (Problem Set 1- Immunizations/Growth)	C Littlefield
October 3	Parenteral Nutrition	M Johnson
October 10	Fever Pediatric Infections (Problem Set 2-TPN)	C Littlefield M Johnson
October 17	Exam 1	
October 24	Asthma and Cystic Fibrosis	M Johnson
October 31	Gastrointestinal Disorders	M Johnson
November 7	Neurological Disorders in Children (Problem Set 3)	C Littlefield
November 14	Hematology (Anemias, Sickle Cell, Hemophilia, etc.)	C Littlefield M Johnson
November 21	Cardiovascular Disease in Children	M Johnson
November 28	Ambulatory/ Toxicology (Problem Set 4-Lactation)	M Johnson
December 5	Exam 2	