

**PHR 281U**  
**Case Studies in Diabetes Management**  
**Summer 2009**

**Lecture/Case Discussions/Workshops:**

Tuesdays 1:00-4:00 PM

Room PHR 3.110 (Workshops and case discussions)

Room PHR 3.106 (Lectures)

**Course Coordinator:**

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Teaching Assistant

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**Office Hours:**

Office Hours are held on Tuesdays, Thursdays and Fridays. Please schedule an appointment via phone and/or email.

**Course Goals:**

The Goal of PHR 281U: Case Studies in Diabetes Management is to provide the student with necessary skills to develop a special practice focus on caring for patients with diabetes. It is understood that students already possess a basic understanding of the pharmacological treatment of diabetes mellitus obtained in PHR 385R.

**Course Overview:**

The course includes weekly group discussion sessions and/or workshops to apply selected principles and skills. Lecture time will be kept to a minimum and used only to present key information. Self-learning through individual activities, small group activities, and group discussion will be utilized.

By living for two days with diabetes, students will develop empathy for patients. During this exercise, students will test their blood glucose throughout the day, injecting normal saline in the place of insulin and keeping a food diary.

It is hoped that by the completion of the course, students will become actively involved in addressing the specific needs of their patients with diabetes and avoid providing a “one-size fits all” answer.

**Required Textbook:**

There is no required textbook for this course. Handouts, assignments and required readings will be posted by 3:00 pm on Blackboard the Monday prior to class. Be sure to print these materials prior to lecture. In addition to Blackboard, instructors may use a variety of methods to supply supplemental reading (e.g. reserve holdings, reprints, etc.).

**Student Responsibilities:**

PHR 281U consists of weekly lecture and case discussion/workshop sessions. Attendance is expected. Students are expected to actively participate in class, case discussions/workshop activities and complete outside assignment activities.

**Prerequisite:**

PHR 375G (Pharmacotherapy IIc)

**Class/Group Discussions or Workshop Attendance:**

Attendance is required for all lecture and case discussion/workshop sessions. In the case of an absence, it is the student’s responsibility to master the material covered.

**Grading Policy:**

Exam I	50 points
Exam II	50 points
<u>Cases/Assignments/Living with Diabetes</u>	<u>75 points</u>
TOTAL	175 points

**The grading scale is as follows:**

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

**Assignments/Homework Policy:**

If assignments are not turned in on time, this will result in a zero for that specific assignment. There will be no partial credit given. For cases, you need to bring two copies to class-one to turn in and one for you to keep during discussion for note-taking.

**Testing Policy:**

Students are expected to arrive on time for examinations. Exams will begin promptly as scheduled. Students arriving late will not be given additional time to complete the exam material regardless of the reason. There will be a course instructor present to proctor each exam. No examinations will be returned. Test scores will be posted through

egradebook. Students may review their exams during a designated time period, but exams may not be removed from the room or photocopied.

Absences on test days must be approved by Dr. Lopez prior to the scheduled test. The only valid excuses for missing an exam are a death in the family, significant personal illness or similar type emergencies. In the unfortunate event that these types of situations should occur, it is your responsibility to contact Dr. Lopez as soon as possible. If permission is granted by telephone at the last minute (e.g. due to illness), it is the student's responsibility to provide Dr. Lopez with a written medical excuse for the absence. An unexcused absence from a test will result in a grade of "0" for that test.

Examinations will consist of multiple choice.

**Academic Dishonesty:**

**Students are expected to work independently on exams and assignments.** Any student caught cheating will be given an "F" in the course. Any students suspected of dishonesty will be reported to the Assistant Dean of the College of Pharmacy and to the Dean of Students, as per University regulations. Students should be aware that it is the policy of the College of Pharmacy to dismiss for at least one long semester any student determined to be involved in any flagrant dishonesty activity. Common examples of scholastic dishonesty include, but are not necessarily limited to the following:

- 1) Copying answers from another student's exam or homework. (This is common with homework assignments completed by groups and is evident by the grader when many students have the same answer).
- 2) The use of crib notes or crib sheets
- 3) Writing notes or information for testing purposes on concealed pieces of paper, desktops, your skin, your clothing, or any other material
- 4) Stealing copies of the exam
- 5) Changing answers after the quiz period is completed
- 6) Use of a programmable or alphanumeric calculator
- 7) Talking to another student during an exam
- 8) Any other act which gives a student an unfair advantage on an exam or assignments compared with his/her classmates
- 9) Falsifying data

**Students with Disabilities:**

The University of Texas at Austin provides upon request appropriate academic adjustments for qualified students with disabilities. For more information, contact Services for Students with Disabilities at 471-6259; 232-2937 (VP).

**Guidelines for pharmacy students following a contaminated needle stick or hazardous exposure to blood or blood products:**

Students who have been exposed to needle sticks or to potentially infectious blood or blood products should be evaluated and have treatment initiated within two hours according to established criteria that conform to federal and state law, CDC standards, and University procedures. The treatment/management guidelines are as follows:

Upon receiving a contaminated needle stick or exposure to hazardous blood or blood products, the student will:

1. Report the incident to the clinical faculty member and or teaching assistant.
2. Have the wound inspected, cleansed, and dressed.
3. Seek treatment intervention from The University of Texas at Austin's Health Services Center, or from a private health care provider within 2 hours of the exposure incident. (Students seeking treatment should call ahead to their health care provider; if a student chooses to be treated at UT Austin Health Services Center they should first call the Nurse Advice line at 475-6877 to arrange an appointment within the two-hour time frame.

## PHR 281U: Case Studies in Diabetes Management

Date	Lecture/Lab Topic	Didactic Instructor	Case Discussion/ Workshop Instructor(s)	Assignment Provided Due 1 Week Later
June 9	• Introduction 1:00-1:30	➤ Lopez		
	• Insulin Therapy 1:30-2:45	➤ Lopez		-Pattern Management (10) -Insulin Practice Qtns (10)
	• Insulin Injection 3:00-4:00	➤ Lopez		-Prepare for workshop
June 16	• Insulin Pumps 1:00-1:30	➤ Anslie		
	• <b>Workshop:</b> Insulin Injection 1:45-2:45		➤ Anslie/Lopez/Kreutz/Owusu	
	• <b>Discussion: Pattern Management</b> 2:45-3:15		➤ Lopez / Kreutz	
	• <b>Discussion: Insulin Practice Questions</b> 3:15-4:00		➤ Lopez / Kreutz	
June 23	• Medication Management in Type 2 DM 1:00-2:00	➤ Lopez		-Type 2 Cases (10)
	• Methods of Monitoring Glycemic Control 2:15-3:00	➤ Lopez		
	• <b>Workshop:</b> Meters 3:00-4:00		➤ Lopez / Kreutz / Owusu	
June 30	• Diabetic Complications: Macrovascular Complications 1:00-2:15 <b>Case due Monday, July 6, 5pm folder labeled</b>	➤ Lopez	No Discussion next wk	-Macro Case (no grade)
	• <b>Discussion: Type 2 Case</b> 2:30-4:00		➤ Lopez	
July 7	• <b>EXAM 1 1:00-2:30</b>	➤ Lopez		
	• Medical Nutrition Therapy 2:30-3:30	➤ Ryan		-CHO Counting (5)
	• Diabetic Kits distributed 3:30-4:00	➤ Lopez		-DM 4 Day Hmwk (10)
July 14	• Preconception & Pregnancy 1:00-2:00	➤ Lopez		-Preconc/Preg Case (20)
	• Diabetic Complications: Microvascular Complications 2:15-3:30	➤ Jokerst		-Micro Case (no grade)
	• <b>Turn in kits and glucometers 3:30-4:00</b>	➤ Lopez		
July 21	• <b>Discussion: Diabetes for a Day 1:00-1:30</b>		➤ Lopez	
	• <b>Discussion: Preconception &amp; Pregnancy 1:45-3:00</b>		➤ Lopez / Bellone	
	• Acute Complications: DKA and HHNS 3:00-4:00	➤ Ryan		-DKA/HHNS Case (10)
July 28	• Travel Guidelines 1:00-1:30; Sick Day Mgt 1:30-2:00	➤ Bellone/ Owusu		-Travel/Sick Day Case (no grade)
	• Living with Diabetes 2:00-3:30	➤ Garza/Mills		
	• 3:30-4:00 EVALS following	➤ Lopez		
Aug 4	• <b>EXAM 2 1:00-2:30</b>	➤ Lopez		All Done!

