

**UNIVERSITY OF TEXAS AT EL PASO**  
**College of Health Sciences**  
**Health Science Program**  
**CRN 17532 - HSCI 3308 - Disease Characteristics, Prevention, and Control**  
**Fall 2017**

*With acknowledgement of Dr. Gabriel Ibarra-Mejia, MD, PhD who tremendously contributed to the development of this course and also Dr. Maria Browne MD, PhD who continued offering this course diligently*

**Instructor: Dr. Roshanak Jafari, MD**

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**Email:** [rjafari@utep.edu](mailto:rjafari@utep.edu)

**Prerequisite courses:** BIOL 2313 (mandatory), HSCI 3301(recommended)

**Classroom:** UGLC 216

**Class Hours:** MW 12:00 pm - 1:20 pm; **Office Hours:** MW: 1:30 – 2:20 PM

**Required Materials:** Loeffler, A., and Hart, M. Introduction to Human Disease: Pathophysiology for Health Professionals. 6th ed. Burlington, MA: Jones & Bartlett Learning, 2014.

### **Important dates:**

<b>Aug 28</b>	<b>Classes begin</b>
<b>Sep. 4</b>	<b>Labor Day(No Classes)</b>
<b>Nov. 3</b>	<b>Course drop deadline (Last day to drop with an automatic W)</b>
<b>Nov. 23 – 24</b>	<b>Thanksgiving Holiday (No Classes)</b>
<b>Dec. 7</b>	<b>Last day of classes</b>
<b>Dec. 15</b>	<b>Final exam: 1:00 pm – 3:45 pm</b>

### **Course Description**

This course provides a broad overview of the most common and important human diseases. Throughout the semester, we will address aspects of disease epidemiology, diagnosis, and treatment. The course will begin with an overview of foundational vocabulary and concepts, as well as a broad analysis of the most common and significant diseases. We will then establish a framework for the basic disease processes before moving on to discussions of specific organ systems. The course will conclude with a consideration of diseases that impact multiple organ systems.

### **Course Objectives:**

Upon Completion of this course, student should be able to:

1. Utilize the general vocabulary used to discuss and classify diseases
2. Comprehend the fundamental mechanisms of disease processes
3. Identify the most frequent and serious problems/diseases affecting major organ systems, as well as the relevant symptoms, signs, and tests
4. Determine diseases that frequently involve more than one organ system

All necessarily lessons will come straight out of the textbook and from the companion website created complementary to the textbook <http://healthprofessions.jbpub.com/humandisease6e/>

Additional course material will be made available through UTEP's Blackboard learning management system. **Time commitment is essential to complete the course requirements.** In general you are expected to spend 4-6 hours per week outside of classroom for self-studying and working together with your peers on mastering content of this course prior to coming to class.

### **Attendance Policy:**

Attendance in this course is critical to your success. This course cannot be passed without regular attendance. Attendance is not taken routinely in each class, but random attendance will be taken which do not affect directly your final grade, however, actively attending in class will be considered when deciding about the final grades for the students on the border line (i.e. between C or D). There will be attendance sheet for each exam and quiz. You need to make sure to write your name, ID, and sign in the attendance sheet of the exam or quiz when you are turning in your test.

### **Evaluation**

Four exams will be given for this course. Three exams will be given during the semester. The final exam will be given during the finals week of this semester on Friday, Dec. 15 at 1:00 PM.

### **Grading**

Exam 1: 20% of final grade

Exam 2: 20% of final grade

Exam 3: 20% of final grade

Final Exam: 20% of final grade

Class Participation (Classroom polling): 10% of final grade

Project and Class Activities: 10% of final grade

Total: 100%

Some class activities and pop quizzes may be given during the class hours for extra credits.

### **MAKE- UP EXAM POLICY: There is no make-up test!**

### **Classroom Polling**

I'm excited to let you know that I will be using a cloud-based student response software by iClicker in class this semester. This will help me understand what you know, give everyone a chance to participate in class, and allow you to review the material after class. I will be using this software to keep track of attendance; please refer to the attendance policy of this syllabus. In-class participation through iClicker will account for 10 % of your final grade.

You will need to create an iClicker Reef Student account to participate in class using your laptop, smart phone, or tablet connected to the university's Wi-Fi (UTEPSecure) or to your mobile data plan.

### **Creating Your iClicker REEF Student Account through Blackboard**

Sign in to Blackboard and click my course:

[HSCI 3308 17532.201810: Disease Char'tic/Prevnt/Contrl](#). Search for the iClicker REEF icon, this should be on the Home Page. Click this link to launch a special instance of REEF, then log in or create a new REEF account if you don't already have one. You should **use your university email address** ([username@miners.utep.edu](mailto:username@miners.utep.edu)) when creating your account. If you need to change your email address or password, edit your REEF account profile. Signing into REEF through the link in Blackboard will automatically add you to my course.

**Note:** You will not need to purchase a subscription to use iClicker REEF this semester because it is provided to you for free.

**Creating Your iClicker Reef Student Account** (if not using Blackboard)

Students who do not have an existing REEF account, need to go to [iclicker.com/students](http://iclicker.com/students) or download the iClicker Reef Student app from the App Store or Google Play to sign up for a Reef account. iPad users need to change the search to iPhone App. You should **use your university email address** (@miners.utep.edu) when creating your account. If you need to change your email address, or password, edit your account profile. Do ***not*** create and use more than one Reef account as you will only receive credit from a single account.

**Note:** You will not need to purchase a subscription to use iClicker REEF this semester because it is provided to you for free.

**Cheating**

I consider submitting votes for a fellow student to be cheating and a violation of the University Honor Code. If you are caught voting for another student or have votes in a class that you did not attend, you will forfeit all Reef points and may face additional disciplinary action.

**Academic Integrity Policy:** Information on UTEP's Policies regarding academic integrity can be found at <http://academics.utep.edu/Default.aspx?tabid=23785>

**Civility Statement:** Cell phones are either to be turned off or turned to vibrate during lecture; talking during lecture is not permitted. Please be respectful to all students' right to learn without disruption.

**Disability Statement:** If a student has or suspect he/she has a disability and needs an accommodation, he/she should contact the Center for Accommodations and Support Services (CASS) at 747-5184 or at [cass@utep.edu](mailto:cass@utep.edu) or go to room 106 in the Union East Building. The student is responsible for presenting to the instructor any DDS accommodation letters and instructions.

**Military:** If one serves in the military and has the potential of being called up, that fact should be made known to the instructor.

**The following schedule is tentative, and the dates of lectures and exams may be changed.**

1<sup>st</sup> week:

Course Introduction

Ch 1 Introduction to Pathology

2<sup>nd</sup> week:

**Labor Day (No classes)**

Ch 2: Most Frequent and Significant Diseases

3<sup>rd</sup> week

Ch 3: Diagnostic Resources

Ch 4: Injury, Inflammation, and Repair (I)

4<sup>th</sup> week:

Ch 4: Injury, Inflammation, and Repair (II)

Ch 5: Hyperplasias and Neoplasms

5<sup>th</sup> week:

Ch 6: Cancer

**Exam 1**

6<sup>th</sup> week:

Ch 8: Vascular System (I)

Ch 8: Vascular System (II)

7<sup>th</sup> week:

Ch 9: Heart (I)

Ch 9: Heart (II)

8<sup>th</sup> week

Ch 10: Hematopoietic System

Ch 11: Bleeding and Clotting

9<sup>th</sup> week:

Ch 12: Lung (I)

**Exam2**

10<sup>th</sup> week:

Ch 12: Lung (II)

Ch 13: Oral Region, Upper Respiratory Tract, and Ear

11<sup>th</sup> week:

Ch 14: Gastrointestinal Tract

Ch 15: Liver, Gallbladder, and Pancreas Chapter (I)

12<sup>th</sup> week:

Ch 15: Liver, Gallbladder, and Pancreas Chapter (II)

Ch 16: Kidney, Lower Urinary Tract, and Male Genital Organs (I)

13<sup>th</sup> week:  
Ch 16: Kidney, Lower Urinary Tract, and Male Genital Organs (II)  
**Third Exam**

14<sup>th</sup> week:  
Ch 17: Female Genital Organs  
Ch 18: Breast

15<sup>th</sup> week:  
Ch 19: Skin (I)  
Chapter 25: Endocrine System

16<sup>th</sup> week:  
**Final Examination (Friday, Dec. 15, 2017, 1:00 pm – 3:45 pm)**

**Rules for tests:**

- 1. Cell phones must be turn off!**
- 2. No listening device may be worn**