

UNIVERSITY OF TEXAS AT EL PASO
College of Health Science
Health Science Program
CRN 28812 - HSCI 3308 - Disease Characteristics, Prevention, and Control
Spring 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

Office: College of Health Science Room 419

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

Classroom: Old Main 205

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:

Jan 17:	Classes begin
Mar. 13 - 17	Spring Break (No Classes)
Mar. 30	Course drop deadline (Last day to drop with an automatic W)
Mar. 31	Cesar Chavez Day Observance (No Classes)
Apr. 14	Spring Study Day (No Classes)
May 4	Last day of classes
May 12	Final exam: 1:00 pm – 3:45 pm

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, May 12 .

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 (REEF Polling by i>clicker): 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!

REEF Polling by i>clicker (UTEP's Student Response System)

I will be using REEF Polling by i>clicker in class this semester. REEF Polling helps me to understand what you know, gives everyone a chance to participate in class, and allows you to review the material after class. I may use REEF Polling to take random attendance as well; please refer to the attendance policy of this syllabus.

Participation with REEF Polling will account for [10] % of your final grade.

You will need to create a REEF Polling account to vote in class using your laptop, smart phone, or tablet connected to the university's Wi-Fi (UTEPSECURE).

Creating Your REEF Polling Account

Go to <http://reef-education.com> or download the REEF Polling iOS app or Android app to sign up for a REEF Polling account. You should use your university email address. Do **not** create and use more than one REEF Polling account as you will only receive credit from a single account.

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

Add This Course to Your REEF Polling Account

Search with the following information to find this course and add it to your REEF Polling account:

Institution: The University of Texas at El Paso

Course: Disease Char'tic/Prevnt/Contrl - HSCI 3308 – CRN 28812 **OR** Instructor Name: JAFARI

If you need any technical support or help regarding setting up your REEF Polling Account and adding this course to it, please contact me or UTEP technical support (915-747- HELP) as soon as possible at the beginning of the semester.

Cheating

I consider submitting votes for a fellow student to be cheating and a violation of the UTEP Handbook of Operating Procedures. If you are caught voting for another student or have votes in a class that you did not attend, you will forfeit all REEF Polling point and may face additional disciplinary

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 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.

1st week:

Course Introduction and Ch 1 Introduction to Pathology

2nd week:

Ch 2: Most Frequent and Significant Diseases

Ch 3: Diagnostic Resources

3rd week

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

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

4th week:

Ch 6: Cancer

Ch 8: Vascular System (I)

5th week:

Ch 8: Vascular System (II)

Exam 1

6th week:

Ch 9: Heart (I)

Ch 9: Heart (II)

7th week:

Ch 10: Hematopoietic System

Ch 11: Bleeding and Clotting

8th week

Ch 12: Lung (I)

Exam2

9th week:

Spring Break (No Classes)

Spring Break (No Classes)

10th week:

Ch 12: Lung (II)

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

11th week:

Ch 14: Gastrointestinal Tract

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

12th week:

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

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

13th week:

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

Third Exam

14th week:

Ch 17: Female Genital Organs

Ch 18: Breast

15th week:

Ch 19: Skin (I)

Ch 19: Skin (II)

16th week:
Chapter 25: Endocrine System
Ch 30: Nutritional Disorder

17th week:
Final Examination (Friday, May 12, 2017, 1:00 pm – 3:45 pm)

Rules for tests:

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