Instructor: Dr. Juan Aguilera, MD, MPH  
Office: Kelly Hall, Room 109 (main campus)  
Email: jaaguilera2@utep.edu  
Prerequisite courses: BIOL 2313 (mandatory), HSCI 3301 (recommended)  
Classroom: CRBL C205  
Class Hours: MW: 12:00 pm - 1:20 pm; Office Hours: MW: 1:30 – 2:30 PM  


Important dates:

Aug 26th  
Classes begin  
Sep 2nd  
Labor Day Holliday (No Class)  
Nov 1st  
Course drop deadline (Last day to drop with an automatic W)  
Nov 28-29th  
Thanksgiving Holiday  
Dec 5th  
Fall – Last day of classes  
Dec 9-13th  
Final exams

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 taken routinely in each class and there will be an 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.

**Required Readings:** Throughout the semester you will be required to read the textbook and various articles that will help you understand the course content and will assist you with the weekly writing activities. The professor will provide you with the articles or links to the articles that will be used in the class. All materials should be read before attending class for the week. You should be familiar enough with the reading material that you are able to participate in the class activities/review.

**Online Videos:** In addition to the above resources I may ask that you view assigned videos or podcasts that will be discussed in class and that will help you with the weekly writing activities.

**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.

**Grading**
Your grade in this course is based on a combination of exams and participation in class. Grades are based on a straight percentage scale; there is no curve and no +/- grades are awarded. So, an A=100-90%, a B=89-80%, a C=79-70%, a D=69-60%, and F=<60%.

Grading Policy:
- 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: 10% of final grade (Project)
- 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!

**Cheating**
I consider signing or submitting answers 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 extra credit 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. Technology time will be allowed only during specific activities. 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
Ch 2: Most Frequent and Significant Diseases

2nd week:
Labor Day (No classes)
Ch 3: Diagnostic Resources

3rd week
Ch 4: Injury, Inflammation, and Repair (I)
Ch 4: Injury, Inflammation, and Repair (II)

4th week:
Ch 5: Hyperplasia and Neoplasms
Ch 6: Cancer

5th week:
Ch 8: Vascular System (I)
Exam 1

6th week:
Ch 8: Vascular System (II)
Ch 9: Heart (I)

7th week:
Ch 9: Heart (II)
Ch 10: Hematopoietic System
8th week
Ch 11: Bleeding and Clotting
Ch 12: Lung (I)

9th week:
Ch 12: Lung (II)

**Exam 2**

10th week:
Ch 13: Oral Region, Upper Respiratory Tract, and Ear
Ch 14: Gastrointestinal Tract (I)

11th week:
Ch 14: Gastrointestinal Tract (II)
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)

**Exam 3**

14th week:
Ch 17: Female Genital Organs
Ch 18: Breast

15th week:
Ch 19: Skin
Chapter 25: Endocrine System

16th week:

**Final Examination**

**Rules for tests:**

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

*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 and Dr. Roshanak Jafari, MD.*