

**Course Syllabus: HUMAN ANATOMY & PHYSIOLOGY II, Biology 2313, (CRN# 18796)
Fall 2016**

Instructor: Dr. Roshanak Jafari

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Prerequisite courses: Biology 1305 & Biology 1107

Classroom: Psychology Building 308

Class Hours: TR 9:00 am - 10:20 am; **Office Hours:** TR 10:45 - 11:45 AM

Required Materials:

Human Anatomy and Physiology by Elaine N. Marieb, and Katja Hoehn, 9th Edition. Pearson Benjamin

Important dates:

Aug 22:	Classes begin
Sep. 5:	Labor Day Holiday (No Classes)
Oct. 28	Course drop deadline (Last day to drop with an automatic W)
Nov. 24 - 25	Thanksgiving Holiday (No Classes)
Dec. 1	Last day of classes
Dec. 6	Final exam: 10:00am-12:45 pm

Course Description

Providing the students with a broad-based understanding of human anatomy and physiology. The cardiovascular, immune, respiratory, digestive, urinary and reproductive systems, as well fluid and electrolyte balance, and acid-base balance are included in this course which is the second part of a two course series.

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).

Evaluation

A total of five exams will be given for this course. Four exams will be given during the semester. The final exam will be given during the finals week on Tuesday, Dec. 6.

The exercises that accompany each chapter will be given. The exercises encourage students to immediately use their newly acquired knowledge and, thus, improve retention by doing practice.

Grading

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%.

All five exams will be weighted equally. Each Exam is worth 20% of final grade. No exam scores will be dropped. Some pop quizzes, class activities, and assignments may be given for extra credits.

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

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, and the chapters for each exam may be changed.

1st week:

Introduction

Ch 17: Blood Composition and Function

2nd week:

Ch 17: Hemostasis

Ch 17: Transfusion and Blood Replacement

3rd week

Ch 18: Heart Anatomy

Ch 18: Heart Physiology

4th week:

Ch 18: Heart Physiology

Ch 18: Cardiac Output

5th week:

Ch 19: Blood Vessel Structure and Function

Exam 1

6th week:

Ch 19: Physiology of Circulation

Ch 19: Blood Flow through Body Tissues and Circulatory Pathways

7th week:

Ch 22: Functional anatomy of the Respiratory System

Ch 22: Mechanics of Breathing

8th week

Ch 22: Gas Exchanges between the Blood, Lungs, and Tissues

Exam 2

9th week:

Ch 23: Functional Anatomy of the Digestive System

Ch 23: Functional Anatomy of the Digestive System

10th week

Ch 23: Physiology of digestion and Absorption

Ch 23: Physiology of digestion and Absorption

11th week

Exam 3

Ch 25: The Urinary System

12th week:

Ch 25: The Urinary System

Ch 25: The Urinary System

13th week:

Ch 26: Fluid Electrolytes, and Acid-base Balance

Ch 26: Fluid Electrolytes, and Acid-base Balance

14th week:

Exam 4

Ch 20: The Lymphatic System

15th week:

Ch 21: Immune System (Adaptive Defenses)

Ch 21: Immune System (Innate Defenses)

16th week

Ch 27: Reproductive System

Ch 27: Reproductive System

17th

Final Exam (Tuesday, Dec. 6, 10:00am-12:45 pm)

Rules for tests:

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