

**THE UNIVERSITY OF TEXAS AT EL PASO  
COLLEGE OF SCIENCE  
DEPARTMENT OF BIOLOGICAL SCIENCES**

Biology 2313 (CRN 22034)

Spring 2024

**HUMAN ANATOMY & PHYSIOLOGY II**

**Course Outline**

**INSTRUCTOR:** Dr. Zaineb Al-Dahwi

Office: Biology 104

Office Hours: Mondays and Wednesdays: 2:30 pm - 3:30 pm, or by appointment

Phone: (915) 747-8762

E-mail Address: zaineb@utep.edu

**COURSE PERIOD:** Tuesday January 16<sup>th</sup>, 2024 - Thursday May 2<sup>nd</sup>, 2024

**COURSE MEETINGS AND LOCATION:** Mondays and Wednesdays: 12:00 – 1:20 pm in the Undergraduate Learning Center Building, room # 128

**PREREQUISITE COURSES:** Biology 1305 and Biology 1107

**REQUIRED TEXTBOOK:** **Human Anatomy and Physiology** by Elaine N. Marieb, and Katja Hoehn, Eleventh Edition. Pearson Benjamin Cummings, San Francisco, CA.

**GRADING POLICY:** There will be a total of five exams given during the semester. The **Final Class (= Lecture Section) Grade** will be determined from the average of **three class (= lecture)** exams, and the **final lecture exam** grades. **One** (= the lowest exam score) **grade, (excluding the final exam grade)**, will be dropped in calculating the **final class grade**. All exams (**including the Final Exam**) will count equally (= same percentage). Each exam will comprise 25% of the final class (= lecture) grade.

The **Final Course Grade** will be assigned based on the following grading scale:

A = 90% – 100%

B = 80% – 89%

C = 70% – 79%

D = 60% – 69%

F = 0 – 59%

**EXAMS FORMAT AND MATERIAL:** All class exams will consist primarily of multiple choice and true-false questions. Material of the exams will be assigned before each exam. Exams will include material from the textbook and lecture notes.

**GUIDELINES FOR EXAMS:** Three of the exams will be given as **TAKE-HOME** exams. The other two exams will be **IN-CLASS** exams. There will be **TWO** attempts

for all exams. The **higher** score of the two attempts will count as the grade of the exam. All exams will be given through Blackboard. Each student should provide his/her own laptop for the exams.

In the In-Class exams, each student will need to sign an “**Exam End Time**” sheet as soon as he/she finishes the exam (before leaving the classroom). If the time on Blackboard will be different than the time on the sheet, the grade on Blackboard will be removed. This means that the grade of the exam will be zero.

Respondus Lock Down Browser may be used in the exams. If respondus lock down browser would be used, a notification will be provided prior to the date of the exam.

**Technical Difficulty**: If a student would encounter technical difficulty during the exam, an arrangement will be made for **the student to take a different exam (on the SAME MATERIAL) on a later date.**

**COVID-19-positive students**: Students who are COVID-19-positive **should provide documents indicating that they were tested to be positive, or provide a notification through the UTEP Environmental Health & Safety (EH&S) Department, or a letter from the Dean of Students Office at UTEP.** Special arrangements will be made for these students to take the exams.

**Note**: **None of the 5 exams during the semester will be given prior to the scheduled time**

**FINAL EXAM**: The final exam will **not** be a comprehensive exam. **All students are required to take the final exam.** The Final exam will **NOT** be given prior to the scheduled time. **NO** make-up will be given for the final exam. **Note**: If the final exam is missed, the student will be assigned a failing grade (= F) for the final exam. The final exam grade will **NOT** be dropped in calculating the **final class average.**

**MAKE UP POLICY**: **No Make-Up exams will be given to any exam during the semester or to the final exam.** If an exam is missed (**EXCLUDING** the **final exam**), the grade of the missed exam will be considered as the lowest exam grade and will be dropped in calculating the final class average.

**ATTENDANCE POLICY**: Attendance of class is mandatory. Absences must be communicated at least 24 hours in advance. In case of an emergency situation, please contact me by e-mail and/or phone at the earliest convenience.

**DROP POLICY**: The last day to withdraw with an automatic “W” is **Thursday, March 28<sup>th</sup>, 2024.** **NOTE**: Faculty-initiated drops will **NOT** be processed after March 28<sup>th</sup>, 2024.

**ASSESSMENT OF COURSE OBJECTIVES**: Completion of this course enables the student to become very well acquainted with the details of the blood, cardiovascular system, lymphatic system, immune system, respiratory system, digestive system, urinary system and their interactions

**ACADEMIC INTEGRITY:** It is the policy of the University of Texas at El Paso that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All students involved in academic dishonesty will be disciplined in accordance with the University regulations and procedures. For further information, please refer to UTEP's Handbook of Operating Procedures, Chapter 1: Student Conduct and Discipline at <http://admin.utep.edu/Default.aspx?PageContentID=2084&tabid=30292>. Also, please see Plagiarism and Scholastic Integrity webpage, at UTEP's Library: <http://libraryweb.utep.edu/research/plagiarism.php>.

**CIVILITY STATEMENT:** Students are encouraged to actively participate in all course activities. However, during lectures and labs, use of cell phones, talking, texting, and other disruptive activities are **unacceptable**. All cell phones must be placed in silent mode. Laptops, iPads, smart phones etc. are allowed in class only as a resource for class material. These devices **cannot** be used for any activity other than those related to the class session. Taking pictures by any means in the class is strictly forbidden.

**ACCOMMODATIONS AND SUPPORT SERVICES:** If a student has or suspects he/she has a disability and needs classroom accommodations, he/she should contact the Center for Accommodations and Support Services (CASS) at 747-5148, or by e-mail to [cass@utep.edu](mailto:cass@utep.edu), or visit their office located at the UTEP Union East, Room 106. For additional information, please visit the CASS website at [www.utep.edu/CASS](http://www.utep.edu/CASS). *CASS staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.* Students registered with CASS are responsible for **discussing** the CASS accommodation letters and instructions with me.

**MILITARY STATEMENT:** If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact me as soon as possible.

**COVID-19 PRECAUTION STATEMENT:**

If you have tested positive for COVID-19, you are encouraged to report your results to [covidaction@utep.edu](mailto:covidaction@utep.edu), so that the Dean of Students Office can provide help by communication with your professors.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. If you still need the vaccine, it is widely available in the El Paso area.

**HUMAN ANATOMY & PHYSIOLOGY II****Course Syllabus**

<b><u>Date</u></b>	<b><u>Topic</u></b>
January 17	Introduction and Course Information
January 22	Blood: Composition & Functions
January 24	Blood: Composition & Functions
January 29	Blood: Hemostasis & Coagulation
January 31	Blood Types and Transfusion
February 5	Heart Anatomy
February 7	Heart Anatomy
February 12	<b>*EXAM 1</b>
February 14	Heart Physiology
February 19	Heart Physiology
February 21	Cardiac Output
February 26	Cardiac Output
February 28	Overview of Blood Vessel Structure and Function
March 4	Physiology of Circulation
March 6	<b>*EXAM 2</b>
March 11	Spring Break ( <b>No Classes</b> )
March 13	Spring Break ( <b>No Classes</b> )
March 18	Physiology of Circulation and Circulatory Shock
March 20	Blood Velocity and Capillary Dynamics
March 25	Lymphatic System
March 27	<b>*EXAM 3</b>
April 1	Lymphatic System, and Inflammation
April 3	Regulation of Body Temperature, and Fever
April 8	Functional Anatomy of the Respiratory System
April 10	Mechanics of Breathing, and Gas Exchanges between the Blood, Lungs, and Tissues

April 15        \***EXAM 4**  
April 17        Transport of the Respiratory Gases by Blood, and Control of Respiration  
  
April 22        Anatomy of the Urinary System  
April 24        Anatomy of the Urinary System  
  
April 29        Physiology of the Urinary System  
May 1          Physiology of the Urinary System

**\* THE ABOVE ARE TENTATIVE EXAM DATES: Subject to Change according to the progress of the material and benefit to the Students**

**Final Exam: Friday May 10<sup>th</sup>, 2024, from 1:00 pm to 3:45pm.**