

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

Biology 2313 (CRN 15883)

Fall 2021

**HUMAN ANATOMY & PHYSIOLOGY II  
Course Outline**

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

Office: Biology 104

Office Hours: Mondays and Wednesdays: 11:30 am - 12:30 pm.

Phone: 747-8762

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**COURSE PERIOD:** Monday August 23<sup>rd</sup>, 2021 - Thursday December 2<sup>nd</sup>, 2021

**COURSE MEETINGS AND LOCATION:** Mondays and Wednesdays: 1:30 pm – 2:50 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:** : The **Final Class (= Lecture Section) Grade** will be determined from the average of **three class (= lecture) exams**, and the **final lecture exam** grades. There will be a total of five exams given during the semester. **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%

**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 its scheduled time. **NO** make-up will be given for the final exam. The final exam grade will **NOT** be dropped in calculating the **final class average**.

**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.**

**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 and will be the exam grade that will be dropped in calculating the final class average.  
**NOTE:** **None of the 5 exams during the semester will be given prior to their scheduled time**

**DROP POLICY:** The last day to withdraw with an automatic “W” is Friday October 29<sup>th</sup>, 2021.  
**The lecture and lab must be dropped separately. Dropping from one does not automatically drop the student from the other.**  
**NOTE:** Faculty-initiated drops will **NOT** be processed after October 29<sup>th</sup>, 2021.

**ASSESSMENT OF COURSE OBJECTIVES:** Completion of this course enables the student to become very well acquainted with the details of the 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 exams, use of cell phones, texting, and other disruptive activities are **unacceptable**. All cell phones must be placed in silent mode. Laptops, iPads, smart phones etc. are allowed only as a resource for class material. These devices **cannot** be used for any activity other than those related to the class session.

**ACCOMMODATIONS AND SUPPORT SERVICES:** If a student has or suspects he/she has a disability and needs 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). 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.***

**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 the instructor by e-mail at the earliest convenience.

**COVID-19 PRECAUTION STATEMENT:**

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. 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 you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

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. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on Campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit [epstrong.org](http://epstrong.org).

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

<b><u>Date</u></b>	<b><u>Topic</u></b>
August 23	Introduction and Course Information
August 25	Blood: Composition & Functions
August 30	Blood: Composition & Functions
September 1	Blood: Hemostasis & Coagulation
September 6	Labor Day ( <b>No Classes</b> )
September 8	Transfusion and Blood Replacement
September 13	Heart Anatomy
September 15	Heart Physiology
September 20	<b>*EXAM 1</b>
September 22	Cardiac Output
September 27	Cardiac Output
September 29	Overview of Blood Vessel Structure and Function
October 4	Physiology of Circulation
October 6	Physiology of Circulation
October 11	<b>*EXAM 2</b>
October 13	Circulatory Shock, Blood Flow Through Capillaries and Capillary Dynamics
October 18	Lymphatic System
October 20	Lymphatic System, and Inflammation
October 25	Regulation of Body Temperature, and Fever
October 27	Functional Anatomy of the Respiratory System
November 1	<b>*EXAM 3</b>
November 3	Mechanics of Breathing, and Gas Exchanges between the Blood, Lungs, and Tissues
November 8	Transport of the Respiratory Gases by Blood
November 10	Control of Respiration

November 15	Anatomy of the Urinary System
November 17	Anatomy of the Urinary System
November 22	<b>*EXAM 4</b>
November 24	Physiology of the Urinary System
November 29	Physiology of the Urinary System
December 1	Fluid, Electrolyte, and Acid - Base Balance

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

***December 8<sup>th</sup>, 2021 (WEDNESDAY) FINAL EXAM 4:00 pm – 6:45 pm***