

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

Biology 2313 (CRN 23161)

Spring 2021

**HUMAN ANATOMY & PHYSIOLOGY II
Course Outline**

INSTRUCTOR: Dr. Zaineb Al-Dahwi

Office: Biology 104

Office Hours: Virtually via Blackboard Collaborate: Tuesdays 10:30 am - 11:50 am.

Phone: 747-8762

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COURSE PERIOD: Tuesday January 19, 2021 - Thursday May 06, 2021

COURSE DESCRIPTION: This section will be delivered online during the scheduled times of the class (Tuesdays and Thursdays: 10:30 am – 11:50 am). The lecture material of this course will be presented using power point with audio and delivered via Blackboard. The presentations will be provided during the scheduled times of the class and will be available until the date of the exams.

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 presentations.

GUIDELINES FOR EXAMS: All exams will be given online through Blackboard at the scheduled class time. The availability of the exams will be for 24 hours from the starting time of the class period. The exams could be taken at any time during the 24-hour window. The duration for all exams will be one hour and twenty minutes except for the final exam that will be two hours and forty five minutes. There will be two attempts for each exam (including the final exam). The higher score will be counted as the grade for the exam. **NOTE: The second attempt is to provide the opportunity for students to take the exam if they would encounter technical difficulty in the first attempt. The second attempt could be taken for a better score in the exam. However, if the student would have technical difficulty in the second attempt, the first attempt score will be counted as the grade of the exam. There will be no more than two attempts for each exam.**

Respondus Lock Down Browser and Respondus Monitor will be used in all exams.

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 Thursday, April 1st, 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 April 1st, 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. For additional information, please visit the CASS website at 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.

HUMAN ANATOMY & PHYSIOLOGY II**Course Syllabus**

<u>Date</u>	<u>Topic</u>
January 19	Syllabus for Course Information and Material
January 21	Course Introduction Presentation
January 26	Blood: Composition & Functions
January 28	Blood: Composition & Functions
February 2	Blood: Hemostasis & Coagulation
February 4	Transfusion and Blood Replacement
February 9	Heart Anatomy
February 11	Heart Physiology
February 16	*EXAM 1
February 18	Cardiac Output
February 23	Cardiac Output
February 25	Overview of Blood Vessel Structure and Function
March 2	Physiology of Circulation
March 4	Physiology of Circulation
March 9	*EXAM 2
March 11	Circulatory Shock, Blood Flow Through Capillaries and Capillary Dynamics
March 16	Spring Break (No Classes)
March 18	Spring Break (No Classes)
March 23	Lymphatic System
March 25	Lymphatic System, and Inflammation
March 30	Regulation of Body Temperature, and Fever
April 1	Functional Anatomy of the Respiratory System
April 6	*EXAM 3
April 8	Mechanics of Breathing, and Gas Exchanges between the Blood, Lungs, and Tissues

April 13 Transport of the Respiratory Gases by Blood
April 15 Control of Respiration

April 20 Anatomy of the Urinary System
April 22 Physiology of the Urinary System

April 27 ***EXAM 4**
April 29 Physiology of the Urinary System

May 4 Fluid, Electrolyte, and Acid - Base Balance
May 6 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**

Final Exam: During the week of Final Exams (May 10th – 14th, 2021). Day and Time will be announced during the semester.

