

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

Biology 2313 (CRN 11098)

Fall 2020

**HUMAN ANATOMY & PHYSIOLOGY II
Course Outline**

INSTRUCTOR: Dr. Zaineb Al-Dahwi

Office: Biology 104

Office Hours: Virtually by Blackboard Collaborate: Mondays 9:00 am - 10:20 am.

Phone: 747-8762

E-mail Address: zaineb@utep.edu

COURSE PERIOD: Monday August 24, 2020 - Thursday December 03, 2020

COURSE DESCRIPTION: This section will be delivered online during the scheduled times of the class (Mondays and Wednesdays: 9:00 am – 10:20 am). The lecture material of this course will be presented using powerpoint 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 notes (= 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. If Respondus Lock Down Browser and Respondus Monitor will be used in an exam, more guidelines will be provided prior to the exam.

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 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 30th, 2020. **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 30th, 2020.

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 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 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> |
|--------------------|--|
| August 24 | Introduction and Course Information |
| August 26 | Blood: Composition & Functions |
| August 31 | Blood: Composition & Functions |
| September 2 | Blood: Hemostasis & Coagulation |
| September 7 | Labor Day (No Classes) |
| September 9 | Transfusion and Blood Replacement |
| September 14 | Heart Anatomy |
| September 16 | Heart Physiology |
| September 21 | Heart Physiology |
| September 23 | *EXAM 1 |
| September 28 | Cardiac Output |
| September 30 | Overview of Blood Vessel Structure and Function |
| October 5 | Physiology of Circulation |
| October 7 | Physiology of Circulation |
| October 12 | Blood Flow Through Body Tissues |
| October 14 | Blood Flow Through Capillaries and Capillary Dynamics, and Circulatory Shock |
| October 19 | *EXAM 2 |
| October 21 | Lymphatic System |
| October 26 | Lymphatic System and Inflammation |
| October 28 | Regulation of Body Temperature and Fever |
| November 2 | Functional Anatomy of the Respiratory System |
| November 4 | Mechanics of Breathing |
| November 9 | Gas Exchanges between the Blood, Lungs, and Tissues |
| November 11 | *EXAM 3 |

November 16 Transport of the Respiratory Gases by Blood and Control of Respiration
November 18 Anatomy of the Urinary System

November 23 ***EXAM 4**
November 25 Physiology of the Urinary System

November 30 Physiology of the Urinary System
December 2 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 9 (WEDNESDAY) FINAL EXAM 10:00 am - 12:45 pm