

**HUMAN ANATOMY AND PHYSIOLOGY 1 (BIOL 2311; CRN# 11164)**  
**COURSE SYLLABUS: FALL 2024**

**INSTRUCTOR:** Paul Rafael B. Sabandal, Ph.D.

- Email: via the Blackboard “Email the instructor” link (preferred) or pbsabandal@utep.edu
- Office hours: Tue and Wed 10:30 AM – 11:30 AM or by appointment
- Office location: Bioscience Research Building 3.146

**COURSE MEETINGS:** Mon and Wed 9:00 AM – 10:20 AM; Undergraduate Learning Center 116

**PREREQUISITES:** BIOL 1305 and BIOL 1107

**CREDIT HOURS:** 3.0

**Course Description:** Human Anatomy and Physiology I is the first part of a two-course sequence that covers the structures and functions of the integumentary, skeletal, muscular, nervous, and endocrine systems.

**TEXTBOOK:** Human Anatomy & Physiology by Elaine N. Marieb and Katja Hoehn, 11<sup>th</sup> edition, Pearson Benjamin Cummings, 2018. \*\*\*Note: Older editions 9<sup>th</sup> or 10<sup>th</sup> are also acceptable.

**EXAMS, IN-CLASS ACTIVITIES, and GRADING POLICY:**

Exam 1:	18% of final grade
Exam 2:	18%
Exam 3:	18%
Exam 4:	18%
Exam 5:	18%
In-class quizzes	10%

**Final grades will be assigned as follows: A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59**

**EXAM CONDITIONS:**

- There will be five exams during the semester, and all will be counted towards the final course grade. In short, **no exam grades will be dropped**.
- All exams are “take-home”, and all students will have 3 days to complete then submit it. For example, if the exam is posted 12:00 AM on Monday then the responses are due 11:59 PM on Wednesday. **Late exams will not be accepted and will be graded as 0**. Exemptions to the “late exam rule” will only be accepted with appropriate paperwork from Dean of Students Office, MAAC, CASS or any relevant UTEP office/department, which must be submitted via email.
- If any exam is missed, only a serious personal emergency or a university-sanctioned excuse (for example: illness, injury, hospitalization, university-approved curricular and extracurricular activities) will be considered as an excuse, and you must apply in writing via e-mail to the instructor to explain why the exam was missed.
- The exams will cover all the material covered in the class notes and lecture sessions.
- All exams will be available to download from Blackboard. Each exam consists of multiple choice-, true/false-, and short answer-/free response- type questions. Exam length ranges

from 50 – 60 questions.

- An important note, the exams are designed to evaluate each student's mastery of the Human Anatomy and Physiology concepts and not just on rote memorization. The exams will assess the student's ability to comprehend, to critically think, and to apply human anatomy and physiology topics.

#### **IN-CLASS QUIZ CONDITIONS:**

- Beginning lecture 2, there will be an in-class quiz. It must be taken and turned in during the class meeting. It will be on the material covered on that day's lecture.
- It will be either a multiple choice-, true/false-, and/or short answer-/free response- type of question.
- There will be 24 in-class quizzes throughout the semester. Only 20 out of the 24 quizzes will count towards the final grade. So, you can miss 4 quizzes and still receive the full 10% value towards your final course grade. Thus, **no make-ups will be allowed for any in-class quizzes missed.**
- Like the missed exams, only a serious personal emergency or a university-sanctioned excuse (for example: illness, injury, hospitalization, university-approved curricular and extracurricular activities) will be considered as an excuse, and you must apply in writing via e-mail to the instructor to explain why the in-class quiz was missed.

#### **ATTENDANCE POLICY:**

- I will not check attendance. However, missing course lectures highly correlates with poor course performance. Thus, **attending class regularly is highly recommended.**
- This course will provide a broad overview of several basic biology concepts and principles spanning cell structure and function, as well as structures and functions of the human body systems. Students are responsible for attending class regularly and knowing what takes place during classes. This includes material covered during lectures, announcements, handouts, notes, changes in the syllabus and schedule, etc. If you must miss a class, you need to try to learn what occurred during your absence – **please come to office hours as needed.**

#### **COURSE DROP and INCOMPLETE GRADE POLICY:**

- The last day for you to withdraw from any course for the Fall 2024 semester with an automatic "W" is on **November 1, 2024** (Friday). It is the student's responsibility to officially withdraw from a course before the drop deadline. If you have any questions, please meet with me during office hours. UTEP regulations state: "Student-initiated drops are permitted after this date, but the student is not guaranteed a grade of W. The faculty member of record will issue a grade of either W or F". For this course, it is my policy that if a student decides to drop after the drop deadline, they will not be assigned a "W" grade but rather they will be assigned the current grade they have in the course.
- All grades of Incomplete must be accompanied by an Incomplete Contract that has been signed by the instructor, student, departmental chair, and the dean. A grade of Incomplete is only used in extraordinary circumstances confined to a limited event such as a missed exam. If the student has missed a significant amount of work (e.g., multiple exams), a grade of Incomplete is not appropriate and will not be given.

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**COURSE CALENDAR: FALL 2024**

<b>Dates</b>	<b>Information on lectures and on exams</b>
Aug 26 (Mon)	Lecture 1: Course introduction and Human body overview
Aug 28 (Wed)	Lecture 2: Human body overview / Basic chemistry and biochemistry
<b>Sep 2 (Mon)</b>	<b>Labor Day Holiday &gt;&gt;&gt; No class lecture</b>
Sep 4 (Wed)	Lecture 3: Basic chemistry and biochemistry
Sep 9 (Mon)	Lecture 4: Basic chemistry and biochemistry / Cells
Sep 11 (Wed)	Lecture 5: Cells / Tissues
<b>Sep 16 (Mon)</b>	<b>Exam 1: covers lectures 1 – 5; due Sep 18 (Wed)</b>
Sep 18 (Wed)	Lecture 6: Integumentary system
Sep 23 (Mon)	Lecture 7: Integumentary system
Sep 25 (Wed)	Lecture 8: Bones and Skeletal tissues
Sep 30 (Mon)	Lecture 9: Bones and Skeletal tissues / Skeletal System
Oct 2 (Wed)	Lecture 10: Skeletal System / Joints
<b>Oct 7 (Mon)</b>	<b>Exam 2: covers lectures 6 – 10; due Oct 9 (Wed)</b>
Oct 9 (Wed)	Lecture 11: Joints / Muscles and Muscular tissues
Oct 14 (Mon)	Lecture 12: Muscles and Muscular tissues
Oct 16 (Wed)	Lecture 13: Muscles and Muscular tissues / Muscular system
Oct 21 (Mon)	Lecture 14: Muscular system
Oct 23 (Wed)	Lecture 15: Muscular system
<b>Oct 28 (Mon)</b>	<b>Exam 3: covers lectures 11 – 15; due Oct 30 (Wed)</b>
Oct 30 (Wed)	Lecture 16: Nervous system and Nervous tissue
Nov 4 (Mon)	Lecture 17: Nervous system and Nervous tissue
Nov 6 (Wed)	Lecture 18: Central nervous system
Nov 11 (Mon)	Lecture 19: Central nervous system
Nov 13 (Wed)	Lecture 20: Peripheral nervous system
<b>Nov 18 (Mon)</b>	<b>Exam 4: covers lectures 16 – 20; due Nov 20 (Wed)</b>
Nov 20 (Wed)	Lecture 21: Peripheral nervous system
Nov 25 (Mon)	Lecture 22: Autonomic nervous system
Nov 27 (Wed)	Lecture 23: Autonomic nervous system
Dec 2 (Mon)	Lecture 24: Endocrine system
Dec 4 (Wed)	Lecture 25: Endocrine system
<b>Dec 9 – 13 (Finals week)</b>	<b>Exam 5: covers lectures 21 – 25; due Dec 11 (Wed)</b>

Note: The schedule is subject to change - check blackboard announcements for updates.  
 Course drop or withdrawal deadline: **November 1, 2024 (Fri)**

## ADDITIONAL COURSE INFORMATION AND POLICIES

### ACCESSIBILITY STATEMENT:

- As per Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990, if a student needs an accommodation then the Office of Center for Accommodation and Support Services (CASS) located at UTEP needs to be contacted. Further info can be found in: <https://www.utep.edu/student-affairs/cass/>
- If you have a condition that may affect your ability to perform successfully in this course, please meet with the instructor and/or the director of the Center for Accommodation and Support Services (CASS). You may contact CASS at 915-747-5148 or [cass@utep.edu](mailto:cass@utep.edu) .
- Individuals with disabilities have the right to equal access and opportunity. It is the student's responsibility to contact the instructor and The Center for Accommodation and Support Services (CASS) at The University of Texas at El Paso.

### ACADEMIC/SCHOLASTIC INTEGRITY:

- Academic dishonesty is an assault upon the basic integrity and meaning of a university.
- Cheating, plagiarism and collusion in dishonest activities are serious acts which erode the university's educational and research roles and cheapen the learning experience not only for the perpetrators, but also for the entire community.
- It is expected that UTEP students will understand and subscribe to the ideal of academic integrity and that they will be willing to bear individual responsibility for their work.
- Materials (written or otherwise) submitted to fulfill academic requirements must represent a student's own efforts.
- Any act of academic dishonesty attempted by a UTEP student is unacceptable and will not be tolerated. Violations will be referred to the Dean of Students Office for possible disciplinary action. Students may receive a failing F course grade or may be suspended or expelled from UTEP for such actions.
- AI prohibited. Use of AI technologies or automated tools, particularly generative AI such as ChatGPT or DALL-E, is not allowed for assignments in this class. Each student is expected to use critical and creative thinking skills to complete tasks and not rely on computer-generated ideas. Any direct use of AI-generated materials submitted as your own work will be treated as plagiarism and reported to the Office of Community Standards.

### TECHNICAL and BLACKBOARD SUPPORT:

- The University of Texas at El Paso provides free 24/7 Helpdesk support to students and faculty. The Helpdesk can provide answers to questions about using Blackboard, technology services and technical support.