

HUMAN ANATOMY AND PHYSIOLOGY 1 (BIOL 2311, CRN# 22673)

Course syllabus: Spring 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 (BRB) 3.146

COURSE MEETINGS: Tue and Thu 9:00 AM – 10:20 AM; Undergraduate Learning Center (UGLC) 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. It covers the structure(s) and function(s) of the integumentary, skeletal, muscular, nervous, and endocrine systems.

TEXTBOOK: Human Anatomy & Physiology by Elaine N. Marieb and Katja Hoehn, 11th edition, Pearson Benjamin Cummings, 2018. ***Note: Older editions 9th or 10th 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%
Final Exam:	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 are due 3 days after its posting (for example: if exam is posted on Tuesday, the responses are due Friday). All students will have 3 full days to complete and submit each exam.
- All exams will be available to download from Blackboard. The exams consist of multiple

choice-, true/false-, and short answer-/free response- type questions. Exam length ranges from 50 – 60 questions.

- Only the material covered in class lectures will be included in the exams.
- Late submissions within 1 week of the deadline will receive half-credit only and beyond 1 week of the deadline will not receive any credit
- If any exam is missed, only a serious personal emergency 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.

IN-CLASS ACTIVITY CONDITIONS:

- Beginning lecture session 2, there will be an in-class activity in the form of a short quiz. It must be taken and turned in during the class meeting. It will be on the material covered on that day/lecture.
- It will be a single question of either multiple choice-, true/false-, and/or short answer-/free response- type.
- There will be 25 in-class quizzes. Only 20 out of the 25 quizzes will count towards the final grade. You can miss 5 quizzes and still receive the full 10% value towards your final course grade. Thus, no make-ups will be allowed for any in-class activity missed.

ATTENDANCE POLICY:

- I will not check attendance; however, missing course meetings generally 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, and genetics. Students are responsible for attending class regularly and knowing what takes place during classes. This includes material covered during lectures, announcements, handouts, changes in the syllabus and schedule, etc. If you must miss a class, you need to make an effort 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 Spring 2024 semester with an automatic "W" is on March 28. 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.
- 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/schedule: Spring 2024

Dates	Information on lectures and on exams
January 16	Lecture 1: Course introduction and Human body overview
January 18	Lecture 2: Human body overview / Basic chemistry and biochemistry
January 23	Lecture 3: Basic chemistry and biochemistry / Cells
January 25	Lecture 4: Cells and Tissues
January 30	Lecture 5: Integumentary system
February 1	Lecture 6: Integumentary system
February 6	Exam 1: covers lectures 1 – 6; Exam 1 response due February 9
February 8	Lecture 7: Bones and Skeletal tissues
February 13	Lecture 8: Bones and Skeletal tissues
February 15	Lecture 9: Skeletal system
February 20	Lecture 10: Skeletal system
February 22	Lecture 11: Muscles and Muscular tissues
February 27	Lecture 12: Muscles and Muscular tissues
February 29	Exam 2: covers lectures 7 – 12; Exam 2 response due March 3
March 5	Lecture 13: Muscular system
March 7	Lecture 14: Muscular system
March 12	Spring Break >>> No class lecture
March 14	Spring Break >>> No class lecture
March 19	Lecture 15: Muscular system
March 21	Lecture 16: Nervous system and Nervous tissue
March 26	Lecture 17: Nervous system and Nervous tissue
March 28	Lecture 18: Central nervous system
April 2	Exam 3: covers lectures 13 – 18; Exam 3 response due April 5
April 4	Lecture 19: Central nervous system
April 9	Lecture 20: Peripheral nervous system
April 11	Lecture 21: Peripheral nervous system
April 16	Lecture 22: Autonomic nervous system
April 18	Lecture 23: Autonomic nervous system
April 23	Lecture 24: Endocrine system
April 25	Exam 4: covers lectures 19 – 24; Exam 4 response due April 28
April 30	Lecture 25: Endocrine system
May 2	Lecture 26: Endocrine system
May 6 – 10 (Finals week)	Final Exam: covers lectures 1 – 26; Exam 5 response due May 9

Note: The schedule is subject to change - check blackboard for updates/announcements

Course drop/withdrawal deadline: March 28, 2024 (Thursday)

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.
- 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 be suspended or expelled from UTEP for such actions.

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.