

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

**Zoology 4181**  
(Vertebrate Physiology Methods Laboratory)  
**Fall 2021 Syllabus**

Laboratory Coordinator: Dr. Zaineb Al-Dahwi

Office: Biology 104

Phone: 747-8762

Email: zaineb@utep.edu

Office hours: Mondays and Wednesdays: 11:30 am – 12:30 pm or by Appointment

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

**PREREQUISITE COURSES:** Chem 1408 and Biol 1306-1108

**REQUIRED LABORATORY MATERIAL:**

1. **No** lab manuals are required for this lab. Handouts of the lab exercises will be provided on Blackboard on the week prior to the lab period. Printing of the lab exercise handout is required to participate in the lab exercise during the lab period
2. **Lab coat** should be used during dissection exercises in the laboratory. The Lab coats will **NOT** be provided by the Lab Instructor
3. **Laptops** should be used during the quizzes, the midterm exam, and the final exam. The Lab instructor will **NOT** be providing laptops

**GRADING POLICY:**

Grades will be based on attendance, participation, quizzes, midterm exam, and final exam.

Grade Distribution:

Attendance and Participation:	10%
Quizzes:	30%
Midterm Exam:	30%
Final Exam:	30%

**QUIZZES:** There will be a quiz **every two weeks** starting the week of **Monday September 27<sup>th</sup>, 2021**. Refer to the “Lab Schedule” below for the dates of the quizzes. The quiz (**taken by individual students**) will include material covered in the **previous two weeks** and will be given in the first 20 minutes of the lab. All quizzes will be given **in-lab through Blackboard**.

The duration of each quiz will be twenty minutes. Respondus lockdown Browser will be used in the quizzes.

There will be a total of three quizzes during the semester. **The lowest quiz grade will be dropped in calculating the final lab average.**

**MIDTERM EXAM AND FINAL EXAM:** These exams will **NOT** be given prior to the scheduled time.

The midterm and final exams will be **in-lab exams via Blackboard**. These exams will be scheduled for the entire lab period. Respondus lockdown browser will be used in these exams.

The **Final Lab Grade** will be assigned based on the following grading scale:

A=90-100% B=80-89% C=70-79% D=60-69% F=59-0%

**GRADE DISPUTES:** All grade disputes must be brought to the attention of the Lab instructor within one week of grade assignment. All grade disputes must be settled by December 2<sup>nd</sup>, 2021. Grade disputes unresolved by the lab instructor must be discussed with the Lab Coordinator (Dr. Zaineb Al-Dahwi).

**MAKE UP POLICY:** **No make-up will be given to any quiz during the semester, to the midterm, or to the final exam.** If a quiz is missed, it will be considered the lowest quiz grade and will be dropped in calculating the final lab grade.

**No Make-up will be allowed for missed lab exercises. No student will be allowed to Make-up the Lab exercise in another lab section.**

**ATTENDANCE POLICY:** Full credit for class participation requires no absences and active contribution to all lab work and assignments. Absences will be excused only for official university activities, or for extreme health or personal emergencies documented in writing.

**STUDENTS ATTENDING A LAB SECTION OTHER THAN THE ONE IN WHICH THEY ARE ENROLLED WILL BE RECEIVING A FAILING GRADE (= F) AS A FINAL AVERAGE.**

**LABORATORY REGULATIONS:** **No food or drinks are allowed in the laboratory.**

**Shorts, open-toed shoes and flip flops are strictly prohibited while working in the UTEP laboratories.**

**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 classroom 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), or visit their office located at the UTEP Union East, Room 106. 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.* Students registered with CASS are responsible for **presenting** any CASS accommodation letters and instructions to the instructor.

**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 phone and/or 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).

**LAB INSTRUCTOR CONTACT INFORMATION:**

**Name:**

**E-mail address:**

**LAB SCHEDULE:**

<b>Lab</b>	<b>Week of</b>	<b>Topic</b>
1	Aug. 30	Introduction and Lab Safety
2	Sept. 6	<b>No lab meeting</b>
3	Sept. 13	Cell Transport Mechanisms and Permeability: Lab Experiment
4	Sept. 20	Reflexes and Reaction Times: Lab Tutor Experiment
5	Sept. 27	Gross Anatomy of the Brain and Cranial Nerves: Sheep Brain Dissection <b>Quiz # 1</b>
6	Oct. 4	Sensory Physiology: Lab Tutor Experiment
7	Oct. 11	Electroencephalography (EEG): Lab Tutor Experiment
8	Oct. 18	<b>MIDTERM LAB EXAM</b>
9	Oct. 25	Electromyography (EMG): Lab Tutor Experiment
10	Nov. 1	Electrocardiography (ECG) and Heart Sounds: Lab Tutor Experiment <b>Quiz # 2</b>
11	Nov. 8	Breathing: Lab Tutor Experiment
12	Nov. 15	Urine Analysis Experiment: Lab Experiment <b>Quiz # 3</b>
13	Nov. 22	<b>No lab meeting</b>
14	Nov. 29	<b>FINAL LAB EXAM</b>

**Important Date**

October 29: **Course Drop Deadline:** Last day to drop the lab with automatic “W”.

**NOTE:** Faculty-initiated drops will **NOT** be processed after October 29<sup>th</sup>, 2021