

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

**Zoology 4181**  
(Vertebrate Physiology Methods Laboratory)  
**Summer 2017 Syllabus**

Laboratory Coordinator: Dr. Zaineb Al-Dahwi

Office: Biology 104

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Office hours: Mondays and Wednesdays: 2:00 pm – 3:00 pm or by Appointment

**COURSE PERIOD:** Monday June 12, 2017 - Thursday August 3, 2017

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

**REQUIRED LABORATORY MATERIAL:**

1. **Lab Tutor Experiments Booklet** available at the **University Print Shop, Hertzog Building**
2. **STUDENT RESPIRATORY KIT** (Mouth Piece, Nose Clip, and Filter) available at the **UTEP BOOKSTORE. Each GROUP Should Purchase ONE Respiratory Kit.**
3. **Lab coat and goggles** should be used during dissection exercises in the laboratory

**GRADING POLICY:**

Grades will be based on attendance, quizzes, lab reports, and final exam.

Grade Distribution:

Attendance and Participation	20%
Lab Reports (from Lab Tutor Experiment Booklet)	20%
Quizzes	30%
Final Exam	30%

**LAB REPORTS:** The lab reports for the exercises from the Lab Tutor Experiment Booklet are due in the first 30 minutes of the **following** lab period.

**QUIZZES:** There will be a quiz every week starting the week of **Monday June 26<sup>th</sup>, 2017.** The quiz (**taken by individual students**) will include material covered in the **previous week** and will be given in the first 20 minutes of the lab. **The lowest quiz grade will be dropped in calculating the final lab average.**

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 August 3<sup>rd</sup>, 2017. 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 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 LAB SECTIONS OTHER THAN THE ONE IN WHICH THEY ARE ENROLLED WILL BE RECEIVING A FAILING GRADE (= F) AS A FINAL AVERAGE**

**DROP POLICY:** The last day to withdraw with an automatic “W” is Friday July 7<sup>th</sup>, 2017. **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 July 7<sup>th</sup>, 2017.

**LABORATORY REGULATIONS:** No food or drinks are allowed in the laboratory. Open-toed shoes and flip flops are strictly prohibited while working in 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.

**LAB INSTRUCTOR CONTACT INFORMATION:**

**Name:**

**E-mail address:**

**LAB SCHEDULE:**

<b>Lab</b>	<b>Dates</b>	<b>Topic</b>
1	June 19	Introduction and Lab Safety
2	June 21	Cell Transport Mechanisms and Permeability: Physio-EX
3	June 26	Cell Transport Mechanisms and Permeability: Lab Experiment
4	June 28	Endocrine System Physiology: Physio-EX
5	July 3	Reflexes and Reaction Times: Lab Tutor Experiment
6	July 5	Sensory Physiology: Lab Tutor Experiment
7	July 10	<b>No Lab meeting</b>
8	July 12	Gross Anatomy of the Brain and Cranial Nerves: Sheep Brain Dissection
9	July 17	EEG: Lab Tutor Experiment

10	July 19	EMG: Lab Tutor Experiment
11	July 24	ECG and Heart Sounds: Lab Tutor Experiment
12	July 26	Respiratory Air Flow and Volume: Lab Tutor Experiment
13	July 31	Renal System Physiology: Physio-EX
14	August 2	Final Exam

**Important Dates**

July 4      **No Classes:** Independence Day

July 7      **Course Drop Deadline (Last day to drop the lab with automatic “W”).**

**NOTE:** Faculty-initiated drops will **NOT** be processed after this date