

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

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

Laboratory Coordinator: Dr. Zaineb Al-Dahwi

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Office Hours: Virtually by Blackboard Collaborate: Tuesdays 10:30 am -11:50 am, and  
4:30 pm - 5:50 pm

**COURSE PERIOD:** Tuesday January 19, 2021 - Thursday May 06, 2021

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

**REQUIRED LABORATORY MATERIAL:**

The course content is provided online via Pearson Mastering A&P program. The options for purchasing the Mastering A&P online material are as follows:

1. **The 18 week access for Mastering A&P with eText** (\$69.99)
2. **The 24 month access for Mastering A&P without eText** (\$74.99)
3. **The 24 month access for Mastering A&P with eText** (\$119.99)

**NOTE:** Since this is a one semester course, it is advisable to choose **option # 1** because it is the most affordable, even though it includes the eText.

**COURSE DESCRIPTION:**

This course is delivered online. You are not required to meet at specific days or times.

**ASSIGNMENTS:** The weekly assignments, that are provided online via the Pearson Mastering A&P program, are linked to your UTEP lab Blackboard course.

Due Date and Time:

All assignments are scheduled from 8:00 am on Mondays and are due on Sundays at midnight (11:59 pm).

However, please note that the time on the online Pearson Program is set according to the eastern standard time (EST). This is the reason that the starting time for the assignments shows 10:00 am EST (= 8:00 am) mountain standard time (MST). Also, the deadline for finishing the assignments shows 1:59 am on Mondays. **This equals to 11:59 pm on**

**Sundays MST.** Late assignments will **NOT** be accepted. Also, extension of the assignment deadline can not be done because the assignments are set per lab.

Score of Each Assignment:

Your score for each assignment on the online Pearson program will show as a percentage. However, the grade is reported as points on Blackboard.

Calculation of Total Assignment Points for Final Lab Average:

The total points of all the assignments will be converted to percentage for calculating your final lab average at the end of the semester.

The maximum possible points for the 12 assignments in this lab are 820 points.

In order to obtain the percent value of the assignments grade, you need to divide the “number of points you earn” by the “total points of all assignments”. Then multiply the number by 25, to get the percentage for your assignments grade. Example: If a student would earn a total of 700 points from all of the assignment scores, the student would have to divide 700 by 820. This would equal to 0.85. Then the student would need to multiply the  $0.85 \times 25$ , which would equal to 21.25%. This number would provide the percentage for the assignments.

PhysioEx Assignments:

Almost all of the assignments in this lab are PhysioEx exercises. The PhysioEx exercises include activities that will be auto-graded by the Pearson program. The points will be reported to Blackboard as soon as the activities are completed. However, some of the PhysioEx assigned items (activities) have a pencil icon to the left of the title. This means that these activities include essay questions that need to have the answers typed into the Pearson program. You need to save the questions and answers of these activities as PDF files and send them to your lab instructor. These activities will be manually graded and the points will be added to the points of the above-mentioned auto-graded activities.

**QUIZZES:** All quizzes will be given online through Blackboard. The quizzes will be available from 8:00 am on Mondays and will be due on Sundays at midnight (11:59 pm). The quiz could be taken at any time during this time-period. The duration of each quiz will be twenty minutes. Use of lock down browser and respondus monitor in the quizzes will be at the discretion of the Lab Instructor.

There will be a quiz **every two weeks** starting the week of **Monday February 15<sup>th</sup>, 2021.** Refer to the scheduled quiz dates in the lab calendar below. Each quiz will include material covered in the **previous two weeks.**

**The lowest quiz grade will be dropped in calculating the final lab average.**

**MIDTERM EXAM AND FINAL EXAM:** These exams will be delivered online via Blackboard. The duration of the midterm and final exams will be two hours. There will be two attempts for both of these exams. The higher score will count as the grade for the exam. **The midterm lab exam will be available from Monday March 22<sup>nd</sup>, 2021 at 8:00 am to Sunday March 28<sup>th</sup>, 2021 at midnight (11:59 pm).**

**The final lab exam will be scheduled from 8:00 am on Monday May 3<sup>rd</sup>, 2021 to Sunday May 9<sup>th</sup>, 2021 at midnight (11:59 pm).**

Both of these exams could be taken at any time during the available time period. Use of lock down browser and respondus monitor in the midterm and final exams will be at the discretion of the Lab Instructor.

The midterm exam and the final exam will **NOT** be given prior to the scheduled time.

**GRADING POLICY:**

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

Grade Distribution:

Assignments (from Mastering A&P online material):	25%
Quizzes:	25%
Midterm Exam:	25%
Final Exam:	25%

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 May 5<sup>th</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.

**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 exams, use of cell phones, texting, and other disruptive activities are **unacceptable**. All cell phones must be placed in silent mode. Laptops, iPads, smart phones etc. are allowed only as a resource for class material. These devices **cannot** be used for any activity other than those related to the class session.

**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.*

**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>Week of</b>	<b>Topic</b>
1	Jan. 25	Course Information and Registration in the <b>online Mastering A&amp;P program</b> linked to the UTEP Blackboard Course. Refer to the “ <b>Blackboard Student Registration Handout</b> ” available on your Lab Blackboard course. <b><u>No assignment.</u></b>
2	Feb. 1	<b><u>Two Assignments:</u></b> “Introduction to Mastering Anatomy and Physiology” Assignment (points = 12) <b><u>AND</u></b> PhysioEx: Exercise 1: Cell Transport Mechanisms and Permeability (points = 70)
3	Feb. 8	PhysioEx: Exercise 4: Endocrine System Physiology (points = 60)
4	Feb. 15	PhysioEx: Exercise 3: Neurophysiology of Nerve Impulses (points = 135) <b>Quiz # 1</b>
5	Feb. 22	PhysioEx: Exercise 2: Skeletal Muscle Physiology (points = 100)
6	Mar. 1	Physiology of the Heart (points = 20) <b>Quiz # 2</b>

7	Mar. 8	PhysioEx: Exercise 6: Cardiovascular Physiology (points = 75)
8	Mar. 15	Spring Break ( <b>No Classes</b> )
9	Mar. 22	<b>Midterm Lab Exam</b>
10	Mar. 29	PhysioEx: Exercise 5: Cardiovascular Dynamics (points = 105)
11	Apr. 5	PhysioEx: Exercise 7: Respiratory System Mechanics (points = 45)
12	Apr. 12	PhysioEx: Exercise 8: Chemical and Physical Processes of Digestion (points = 48) <b>Quiz # 3</b>
13	Apr. 19	PhysioEx: Exercise 9: Renal System Physiology (points = 90)
14	Apr. 26	PhysioEx: Exercise 10: Acid-Base Balance (points = 60) <b>Quiz # 4</b>
15	May 3	<b>Final Lab Exam</b>

### **Important Dates**

March 26<sup>th</sup>, 2021: Cesar Chavez Holiday (**No Classes**)

April 1<sup>st</sup>, 2021: **Course Drop Deadline**: Last day to drop the lab with automatic “W”.

**NOTE**: Faculty-initiated drops will **NOT** be processed after April 1<sup>st</sup>, 2021

April 2<sup>nd</sup>, 2021: Spring Study Day/Good Friday (**No Classes**)

May 7<sup>th</sup>, 2021: Dead Day (**No Classes**)