

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

Zoology 4181
(Vertebrate Physiology Methods Laboratory)
Summer 2021 Syllabus

Laboratory Coordinator: Dr. Zaineb Al-Dahwi

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Office Hours: Upon request, virtually by Zoom meetings. Please send an e-mail for scheduling day and time of meeting

COURSE PERIOD: Monday June 7, 2021 - Friday July 30, 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. The online lab assignments are provided via the Pearson Mastering A&P program that are linked to your UTEP lab Blackboard course.

Virtual office hours of the lab instructor will be according to the scheduled Day/Time of your Lab section. Please refer to the name and e-mail address of your lab teaching assistant in the “Lab Instructor Contact Information” section below (right above the “Lab Schedule” section)

ASSIGNMENTS: According to the scheduled Day/Time of your lab section, the lab is scheduled for two meetings per week. Thus you will have two assignments per week. However, to provide more time for completing your assignment, the availability of **each** assignment will be for about 4 days (3 days and 8 hours).

Due Date and Time:

Regardless of the scheduled day/time of your lab section, the assignments are scheduled as follows:

1. The first assignment of the week (= assignment that begins on Mondays) is scheduled from **8:00 am on Mondays and is due on Thursdays at 4:00 pm**. Please note that the time on the online Pearson Program is set according to the eastern standard time (EST). Thus, the starting time for the assignment on the Pearson program shows 10:00 am EST on Mondays which means 8:00 am mountain standard time (MST). Also, the deadline for completing the assignment shows 6:00 pm on Thursdays according to the Pearson program. **This means 4:00 pm on Thursdays MST.**
2. The second assignment of the week (= assignment that begins on Thursdays) is scheduled from **4:00 pm on Thursdays and is due on Sundays at midnight (11:59 pm)**. On the Pearson program, it will show that this assignment starts at 6:00 pm EST which means 4:00 pm MST and it ends at 1:59 am on Mondays which means **11:59 pm on Sundays according to the MST**
3. Important Notes:
 - a. The dates in the “Lab Schedule” indicate the “**starting dates** of the assignments”
 - b. Due to scheduled maintenance of the Pearson program, the program may not be accessible on Saturday June 19th, 2021. Thus the deadline for the “PhysioEx:Exercise Endocrine System Physiology” is extended to Monday June 21st, 2021 at 11:59 pm which shows as Tuesday June 22nd, 2021 at 1:59 am on the Pearson Program
 - c. Due to the starting date of the lab, your first assignment is a “Thursday assignment” which will start at 4:00 pm this Thursday June 10th, 2021.

Late assignments will **NOT** be accepted. Also, extension of the assignment deadline cannot 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 “total number of points you earn for all of the assignments” by the “total possible 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 x 25, which would equal to 21.25%. This number would provide the percentage for the assignments.

PhysioEx Assignment:

Almost all of the assignments in this lab are PhysioEx exercises as shown in the “Lab Schedule” below. The PhysioEx exercises include activities that will be automatically-graded by the Pearson program. The points will be reported to Blackboard as soon as the activities

are completed. In addition to the above-mentioned automatically-graded activities, each one of these PhysioEx exercises have assigned activities that include essay questions. The answers to these essay questions need to be typed into the Pearson program. You need to save the questions and answers of these “essay questions activities” as PDF files and send them to your lab instructor (Refer to your lab Instructor information in the “Lab Instructor Contact Information” section below). These activities will be manually graded and the points will be added to the points of the above-mentioned automatically-graded activities.

QUIZZES: All quizzes will be given online through Blackboard. There will be two quizzes during the semester. The first quiz will be available from 4:00 pm on Thursday June 24th, 2021 to 11:59 pm on Sunday June 27th, 2021. The second quiz will be available from 4:00 pm on Thursday July 15th, 2021 to 11:59 pm on Sunday July 18th, 2021.

The quizzes could be taken at any time during the assigned time-periods. The duration of each quiz will be twenty minutes.

Use of respondus lock down browser in the quizzes will be at the discretion of the Lab Instructor.

Each quiz will include material from the Chapters/Assignments covered prior to the quiz date.

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. Note: The second attempt is meant for students who may encounter technical difficulties in the first attempt. However, the student is allowed to use the second attempt for a better score.

The midterm lab exam will be available from Thursday July 1st, 2021 at 4:00 pm to Monday July 5th, 2021 at midnight (11:59 pm).

The final lab exam will be scheduled from 8:00 am on Monday July 26th, 2021 to 4:00 pm on Thursday July 29th, 2021.

Both of these exams could be taken at any time during the available time period.

Use of respondus lock down browser 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):	30%
Quizzes:	20%
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 July 23rd, 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, 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. *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:

Virtual Office Hours: During Scheduled Days/Times of the Lab Section

LAB SCHEDULE:

Lab	Dates	Assignments, Quizzes, and, Exams
1	Thursday June 10	Course Information and Registration in the online Mastering A&P program linked to the UTEP Blackboard Course. Refer to the “ Blackboard Student Registration Handout ” available on your Lab Blackboard course. Assignment: “Introduction to Mastering Anatomy and Physiology” (points = 12)
2	Monday June 14	Assignment: PhysioEx: Exercise 1: Cell Transport Mechanisms and Permeability (points = 70)
3	Thursday June 17	Assignment: PhysioEx: Exercise 4: Endocrine System Physiology (points = 60)
4	Monday June 21	Assignment: PhysioEx: Exercise 3: Neurophysiology of Nerve Impulses (points = 135)
5	Thursday June 24	Assignment: PhysioEx: Exercise 2: Skeletal Muscle Physiology (points = 100) QUIZ # 1
6	Monday June 28	Assignment: Physiology of the Heart (points = 20)
7	Thursday July 1	MIDTERM LAB EXAM (No Assignment)
8	Monday July 5	Assignment: PhysioEx: Exercise 6: Cardiovascular Physiology (points = 75)
9	Thursday July 8	Assignment: PhysioEx: Exercise 5: Cardiovascular Dynamics (points = 105)
10	Monday July 12	Assignment: PhysioEx: Exercise 7: Respiratory System Mechanics (points = 45)
11	Thursday July 15	Assignment: PhysioEx: Exercise 8: Chemical and Physical Processes of Digestion (points = 48) QUIZ # 2

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| 12 | Monday July 19 | <u>Assignment</u> :PhysioEx: Exercise 9: Renal System Physiology (points = 90) |
| 13 | Thursday July 22 | <u>Assignment</u> : PhysioEx: Exercise 10: Acid-Base Balance (points = 60) |
| 14 | Monday July 26 | FINAL LAB EXAM (No Assignment) |

Important Dates

July 9th, 2021: **Course Drop Deadline**: Last day to drop the lab with automatic “W”.

NOTE: Faculty-initiated drops will **NOT** be processed after July 9th, 2021