

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

Biology 4388 (CRN 34543)

Summer 2017

**MAMMALIAN PHYSIOLOGY
Course Outline**

INSTRUCTOR: Dr. Zaineb Al-Dahwi

Office: Biology 104

Office Hours: Mondays, and Wednesdays: 2:00 pm - 3:00 pm, Or by appointment

Phone: 747-8762

E-mail Address: zaineb@utep.edu

COURSE PERIOD: Monday June 12, 2017 - Friday July 7, 2017

COURSE MEETINGS AND LOCATIONS: Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays: 9:20 am – 11:30 am in the Classroom Building, room # C205

REQUIRED TEXTBOOK: *Principles of Animal Physiology* by Moyes and Schulte, Third Edition, Pearson Benjamin and Cummings.

GRADING POLICY: The **Final Class (= Lecture Section) Grade** will be determined from the average of **one class (= lecture)** exam, and the **final lecture exam** grades. There will be a total of three exams given during the semester. **One** (= the lowest exam score) **grade, (excluding the final exam grade)**, will be dropped in calculating the **final class grade**. All exams (**including the Final Exam**) will count equally (= same percentage).

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

A = 90% – 100%

B = 80% – 89%

C = 70% – 79%

D = 60% – 69%

F = 0 – 59%

FINAL EXAM: The final exam will **not** be a comprehensive exam. **All students are required to take the final exam.** The Final exam will **NOT** be given prior to its scheduled time. **NO** make-up will be given for the final exam. The final exam grade will **NOT** be dropped in calculating the **final class average**.

EXAMS FORMAT AND MATERIAL: All class exams will consist primarily of multiple choice and true-false questions. Material of the exams will be **assigned** before each exam. Exams will include material from the textbook and lecture notes.

A scantron (= form # 882-E-LOVAS or form # 882-E, narrow green) is required for **all** exams.

HONORS CREDIT: This course could be contracted for honors. A topic related to pathological disorders associated with the topics covered in the class could be chosen, and turned in as a research paper. The paper should be supported by scientific **review** journal articles. Copies of the journal articles should be submitted with the paper.

MAKE UP POLICY: No Make-Up exams will be given to any exam during the semester or to the final exam. If an exam is missed (**EXCLUDING** the final exam), the grade of the missed exam will be considered the lowest and will be the exam grade that will be dropped in calculating the final class average.
NOTE: None of the 3 exams during the semester will be given prior to their scheduled time

ATTENDANCE POLICY: Attendance of class is mandatory. Absences must be communicated at least 24 hours in advance. In case of an emergency situation, please contact the instructor by e-mail and/or phone at the earliest convenience.

DROP POLICY: The last day to withdraw with an automatic “W” is Friday June 30th, 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 June 30th, 2017.

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, 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.** 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.

MAMMALIAN PHYSIOLOGY

Course Syllabus

Topics:

- Chapter 4 Cell Signaling and Endocrine Regulation
- Chapter 5 Neuron Structure and Function
- Chapter 6 Cellular Movement and Muscles
- Chapter 9 Circulatory Systems
- Chapter 11 Respiratory Systems
- Chapter 13 Ion and Water Balance
- Chapter 14 Digestion and Energy Metabolism
- Chapter 15 Thermal Physiology
- Chapter 16 Reproductive Physiology

Exam Dates:

*First Exam: June 23rd, 2017

*Second Exam: July 3rd, 2017

*** THE ABOVE ARE TENTATIVE EXAM DATES: Subject to Change according to the progress of the material and benefit to the Students**

Final Exam: Monday July 10th, 2017, from 10:00 am to 12:45 pm.

Important Dates:

June 30: The last day to withdraw with an automatic "W." **NOTE:** Faculty-initiated drops will **NOT** be processed after this date

July 4: Independence Day (**No Classes**)