Instructor: Mr. Ron Havner

Class meeting time and place: MTWR 12:30-02:25, Miller 137

Department: Biology Phone: 468-5196
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Office: Science 237
Office hours: MTWR 10:00-12:15 and by appointment

Clickers and scantrons: Not required
Course online resources: see D2L
Course Description: Fundamental principles of animal life, including invertebrate and vertebrate animals.
Co-requisite: BIO 133L

Course Objectives:
1. Provide students with a clear sense of how science works
2. Provide students with an understanding of genetics and evolutionary mechanisms and patterns
3. Provide students with an overview of animal physiological and anatomical diversity
4. Provide students with an overview of animal diversity
5. Zoology labs with provide hands on experience to reinforce concepts introduced in lecture.

Student Learning Outcomes (Course Competencies):
1. Understand basic approaches to testing scientific hypotheses
2. Understand the fundamentals of genetics and evolution
3. Learn the diversity of animal anatomy and physiology
4. Learn animal classification and phylogenies
5. Learn traits, distribution and diversity of each of the major animal lineages

Program Learning Outcomes:
PLO 1. The student will demonstrate a good knowledge base in biological concepts (Knowledge). This PLO is achieved with SLO 1-5.

General Education Core Curriculum Objectives/Outcomes:
Texas State Exemplary Educational Objectives are addressed by the associated Student Learning Outcome listed below.
Objective one requires that students “understand and apply method and appropriate technology to the study of natural sciences”. (STO 1, 4)
Objective two states that students must be able “To recognize scientific and quantitative methods an the differences between these approaches and other methods of inquiry and to communicate findings, analyses, and interpretations both orally and in writing.” (STO 1, 2, 4)
Objective three states that students must be able “To identify and recognize the differences among competing scientific theories.” (STO 1, 2, 4)
Objective four states that students must be able “To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies.” (STO 1, 2, 3, 4, 5)
Objective five states that students must be able “To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.” (STO 1, 2, 3, 4, 5)
Grading Policy:
Your final grade in this course is determined by grades from the laboratory and lecture exams.
4 exams 200 pts (50 each)
1 final exam 100 pts
The lecture portion of your grade is determined by earning 90%, 80%, 70% and 60% of the available points for the associated traditional letter grade. The lecture portion makes up 3/4 of your course grade with the lab portion making up the remaining 1/4th.
Example:
Lecture Average: 250 pts out of possible 300 pts and Lab Average: 75% of 100 pts.
Final grade = 250 + 75 = 325, 325/400 = 81.25 % = B
Exams will be a combination of multiple choice, fill in the blank and true/false questions.

When studying for exams, concentrate on your lecture notes. The textbook should be considered the primary source of information for this course. Copies of the lecture slides will be available on D2L.

Lecture attendance:
Attendance is expected for each lecture. A sign-in roster will be handed out at the beginning of each lecture. Students with poor attendance typically do very poorly in this class. Students who do not attend class regularly or who perform poorly on class exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

Acceptable Student Behavior
Classroom behavior should not interfere with the instructor's ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1, http://www.sfasu.edu/policies/student_conduct_code.asp). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom.

Academic Integrity (A-9.1)
Abiding by university policy on academic integrity is a responsibility of all university faculty and students. Faculty members must promote the components of academic integrity in their instruction, and course syllabi are required to provide information about penalties for cheating and plagiarism as well as the appeal process. Source: http://www.sfasu.edu/policies/academic_integrity.asp

Withheld Grades Semester Grades Policy (A-54)
At the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future semesters, the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average. Source: http://www.sfasu.edu/policies/semester_grds.asp

Students with Disabilities
To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.
How to do well in this course:

1. **Attend** all lectures and labs!
2. **READ** the assigned material in the lecture text book! DO NOT use the instructor slides as an alternative to reading the book!
3. **Ask questions** about what you read in the text and what you hear in lecture!
4. **Don’t wait** for my office hours to clear anything up!
5. Make a reading and study schedule at the beginning of the course and stick to it!
6. Follow all instructions in the lab EXACTLY!