BIOLOGY 1113 (L01-L05) ZOOLOGY LABORATORY
SRSU SPRING 2020 SYLLABUS

Lab Room: WSB 111
Lab Section/Time: Wednesday: L01 1:00 – 2:50 L02 3:00 – 4:50 L03 7:00 – 8:50
Thursday: L04 2:00 – 3:50 L05 4:00 – 5:50
Lab instructors: Leah Bakewell office hours: M 12:30-2:30; T 10-12; R 11:30-12:30
Email: lab18wm@sulross.edu

Reed McClure : Office hours M 1-3, 5-6; T 3-5
Email: rrm15jk@sulross.edu

Course description: This class provides a general survey of the animal kingdom which considers the fundamentals of biological facts, laws, and principles as they apply to animals and the structures and functions of the organs and systems of representative animals.

Course objectives:

1. Provide a broad overview and appreciation of animal diversity.
2. Develop an understanding of the role of evolutionary theory and its relation to animal diversity.
3. Explore the physical, morphological, and physiological characteristics of animals.
4. Enhance critical thinking skills.

Grading: The table below illustrates the grading for this course.

Attendance @ 5 pts/lab	55
Participation/Flash Cards @ 5 pts/lab	55
7 Quizzes @ 10 pts each	70
In-Lab Activity Write-up @ 20 pts	20
3 Lab practicals @ 100 pts each	300
2 Animal Writing Assignments @ 75 pts each	150
Total Credit	**650 points**

Attendance: Attendance points are awarded based solely on the presence of student signatures on the weekly roll sheet. SIGNING THE ATTENDANCE SHEET EACH WEEK IS ULTIMATELY THE STUDENT'S RESPONSIBILITY. Students missing more than three labs will be dropped from the class per university policy and receive an F in the course. For those with intermittent scheduling issues, students have the **privilege** of attending alternate sections of lab during any given week without prior authorization. **Students should use this privilege sparingly.** Plan to attend your assigned section unless a true scheduling conflict exists. If overcrowding in any lab section proves problematic, this privilege will be revoked for the remainder of the semester.

Quizzes: Weekly quizzes over the previous week's material begin promptly at the start of lab and end exactly five minutes after. Students arriving after the start of class may opt to take their quiz after class is over or at the beginning of another lab section.

Lab practical exams: Each lab practical consists of approximately 50 short answer questions drawn from material covered during both lectures and dissections. While these exams are not cumulative, they do require significant effort to do well. Learning how to LEARN is a significant component of this course.

Animal Survey Writing Assignments: Students will write two papers describing important features of both invertebrate and vertebrate animals from approved lists. Specific grading criteria will be provided prior to the due dates.

Dissections: Dissections are an integral tool of biological study and therefore participation is mandatory for all students. Choose your lab partners wisely. Be sure that you can identify all key anatomical structures before leaving for the day.

Course etiquette:

1. Silence all electronic devices at the beginning of each lab. Step out of the room to return urgent texts or phone calls.
2. Please do not talk to other students during lecture. Rather, share your questions or concerns with the entire class to avoid disruption.
3. During quizzes and lab practical exams, stow cell phones out of sight to avoid suspicion of unethical behavior. (Students found cheating will be removed from class, reported to the administration, and receive a final grade of F for the semester.)

Students with disabilities will be provided with reasonable accommodations. If you wish to request such accommodations because of physical, mental, or learning disability, please contact the ADA coordinator for Program Accessibility at 837-8203 in FH 112.

Tentative Laboratory Schedule:

Date	**Topic**
Jan 22-23	Introductions, Cells, Mitosis/Meiosis
Jan 29-30	Naming, Phylogeny, Protists
Feb 5-6	Porifera, Ctenophora, and Cnidaria
Feb 12-13	**Lab Practical #1**
Feb 19-20	Nematodes and Arthropods
Feb 26-27	Mollusca, Annelida, and Platyhelminthes
Mar 4-5	Echinodermata and Chordata *****Animal Survey 1 Due*****
Mar 11-12	*****SPRING BREAK*****
Mar 18-19	**Lab Practical #2**
Mar 25-26	In-Lab Activity
Apr 1-2	Fish
Apr 8-9	Amphibians
Apr 15-16	Reptiles
Apr 22-23	Mammals *****Animal Survey 2 Due*****
Apr 29	**Lab Practical #3 (1 pm-7pm)**