

BIOLOGY 1113 (L01-L05) ZOOLOGY LABORATORY
SRSU SPRING 2021 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: W 10-12:30; R 10-12:30; or by appointment
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/participation @ 10 pts/lab	100
10 Quizzes @ 10 pts each	100
3 Lab practicals @ 100 pts each	300
<u>2 Animal Writing Assignments @ 75 pts each</u>	<u>150</u>
Total Credit	650 points

Attendance: Attendance points are awarded at the beginning of the class period based on the assigned seating chart. Students missing more than three labs will be dropped from the class per university policy and receive an F in the course. Students are required to attend the lab section they have registered for and will be marked absent for attending any other section or not sitting in their assigned seat. Attendance can only be made up with a university approved excuse (i.e. doctor's note, note from a coach, note from the university). If you are missing class due to a COVID exposure, we must receive a notification from the university in order for you to receive your points. If you miss class, it is your responsibility to remain up to date with the course material online.

Participation: Participation points are awarded at the end of the lab period. These points are obtained by staying until the end of your scheduled lab period and demonstrating your knowledge of that week's material before leaving class. This includes answering questions in class and actively paying attention during PowerPoint presentations and lab activities.

Quizzes: Weekly quizzes over the previous week's material will be given online. These quizzes are worth 10 points each and will consist of 5 questions. Quizzes will open on Thursday at 6pm and will close on the following Wednesday at 12pm.

Lab practical exams: Each lab practical consists of approximately 50 short answer questions drawn from material covered during both lectures and dissections. Exams are not cumulative and will be given online.

Animal Survey Writing Assignments: Students will write two papers describing important features of both invertebrate and vertebrate animals from approved lists. These papers are to be submitted online through SafeAssign. Any suspicion of plagiarism will result in a zero for the assignment. Grading criteria will be provided prior to the due dates.

COVID-19 Response: Masks covering both nose and mouth will be required for all students during the entire lab period. Hand sanitizer stations are placed at all building entrances and students are encouraged to utilize them as well as proper handwashing at the sinks in the classroom. Social distancing is mandatory when possible. Any assignments, quizzes, and exams will be held online unless planned otherwise in advance.

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 27-28	Introductions, Cells, Mitosis/Meiosis
Feb 3-4	Naming, Phylogeny, Protists
Feb 10-11	Porifera, Ctenophora, and Cnidaria
Feb 17-18	Lab Practical #1
Feb 24-25	Nematodes and Arthropods
Mar 3-4	Mollusca, Annelida, and Platyhelminthes
Mar 10-11	***SPRING BREAK***
Mar 17-18	Echinodermata and Chordata ***Animal Survey 1 Due***
Mar 24-25	Lab Practical #2
Apr 31-1	Fish
Apr7-8	Amphibians
Apr 14-15	Reptiles
Apr 21-22	Mammals ***Animal Survey 2 Due***
Apr 28	Lab Practical #3