
Range Use Economics: AGB 3304

Sul Ross State University
Syllabus: Spring 2025



INSTRUCTOR

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COURSE MEETING TIMES

Second 8 weeks Hybrid course FTF Tuesday and Thursday 12:30 to 1:45 and Blackboard content

STUDENT MEETING HOURS

Monday 1:30-3:00 in WSB 314 and Thursday 1:00-3:00 in RAS 101. I am also available at other times by appointment.

TEXT BOOK AND LIBRARY

Required: **All materials will be posted on Blackboard Libraries**

The Bryan Wildenthal Memorial Library in Alpine offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, library.sulross.edu/. Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or by phone (432-837-8123).

No matter where you are based, public libraries and many academic and special libraries welcome the general public into their spaces for study. SRSU TexShare Cardholders can access additional services and resources at various libraries across Texas. Learn more about the TexShare program by visiting library.sulross.edu/find-and-borrow/texshare/ or ask a librarian by emailing srsulibrary@sulross.edu.

COURSE DESCRIPTION

Welcome to Range Use Economics! This course covers all facets of the economics of rangeland management, including grazing management, supplemental feeding and other inputs, balancing multiple species use, and calculating the benefits of range improvement and opportunity costs associated with rangeland use.

COURSE STUDENT LEARNING OUTCOMES

Students will be expected to develop the following knowledge throughout the course.

- Students will learn to define and list components of a cost benefit analysis, planning documents, and rangeland operational net worth
- Students will develop an understanding of how economic decisions impact rangeland based agricultural operations
- Students will incorporate all the above aspects in developing and analyzing specific scenarios for projects and decisions of a rangeland operation.

Students will be expected to develop the following general marketable skills throughout the course.

- Team work: Students will develop team work through small group interaction and working together on lab assignments.
- Communication: Students will improve communication skills through group discussions and class assignments.
- Quantitative and empirical skills: Students will develop quantitative skills in both lecture and lab through calculations of costs and cost/benefit analysis and discussions.
- Critical thinking: Students will practice critical thinking in developing solutions for real world challenges on rangelands.

PROGRAM STUDENT LEARNING OUTCOMES

The graduating student will be able to demonstrate that he/she is able to:

- Identify species of wildland plants and wildlife common to the western United States and describe their natural history.
- Demonstrate knowledge of elements of an ecosystem
- Communicate about natural resources and conservation both verbally and in writing
- Conduct range and wildlife inventories in a team setting
- Apply knowledge of an ecosystem into a conservation management plan

ADA STATEMENT

SRSU Accessibility Services. Sul Ross State University (SRSU) is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class. Students seeking accessibility/accommodations services must contact Mrs. Mary Schwartz Grisham, LPC, SRSU's Accessibility Services Director at 432-837-8203 or email mschwartz@sulross.edu or Ronnie.harris@sulross.edu . Our office is located on the first floor of Ferguson Hall, room 112, and our mailing address is P.O. Box C122, Sul Ross State University, Alpine, Texas, 79832.

STUDENT RESPONSIBILITIES

All full-time and part-time students are responsible for familiarizing themselves with the Student Handbook and the Undergraduate & Graduate Catalog and for abiding by the University rules and regulations. Additionally, students are responsible for checking their Sul Ross email as an official form of communication from the university. Every student is expected to obey all federal, state and local laws and is expected to familiarize themselves with the requirements of such laws.

SRSU DISTANCE EDUCATION

Students enrolled in distance education courses have equal access to the university's academic support services, such as library resources, online databases, and instructional technology support. For more information about accessing these resources, visit the SRSU website. Students should correspond using Sul Ross email accounts and submit online assignments through Blackboard, which requires a secure login. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU website. Directions for filing a student complaint are located in the student handbook.

All full

ACADEMIC INTEGRITY

Students in this class are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. Students should submit work that is their own and avoid the temptation to engage in behaviors that violate academic integrity, such as turning in work as original that was used in whole or part for another course and/or professor; turning in another person's work as one's own; copying from professional works or internet sites without citation; collaborating on a course assignment, examination, or quiz when collaboration is forbidden. Students should also avoid using open AI sources *unless permission is expressly given* for an assignment or course. Violations of academic integrity can result in failing assignments, failing a class, and/or more serious university consequences. These behaviors also erode the value of college degrees and higher education overall.

“The University expects all students to engage in all academic pursuits in a manner that is beyond reproach and to maintain complete honesty and integrity in the academic experiences both in and out of their classroom. The University may initiate disciplinary proceedings against a student accused of any form of academic dishonesty, including but not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials.” —SRSU Student Handbook

Do your own work and use your own words! I am interested in what YOU know and think not what your friend/parent/computer tell you about a topic!

CLASSROOM ETIQUETTE, ATTENDANCE, & ASSIGNMENT MAKEUP POLICY

Classroom Climate of Respect

Importantly, this class will foster free expression, critical investigation, and the open discussion of ideas. This means that all of us must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, we must all learn how to probe, oppose and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle, or discriminate against another or to engage in disruptive or intimidating behavior. Disruptive behavior is defined as anything that prevents students from learning and/or prevents the professor from teaching. Especially in discussion forums, participants must be courteous and respectful. To respectfully disagree without contempt is a life skill that will serve you well in the future. You have the right to disagree with others, but you are to do so diplomatically. We will not be silenced by the difficulty of fruitfully discussing sensitive issues.

Attendance Policy

Come to Class! Much of what we will be learning and discussing is not in a textbook. We are going to be developing skills about analyzing and thinking about problems and this is best accomplished with some group discussion as well as personal analysis. There will also be a required field trip. You will lose points if you do not come to class or attend the field trips.

Assignment Make Up Policy

Turn work in on time! If you have a specific circumstance that prevents you from submitting an assignment on time, reach out as soon as possible. If you have a valid reason, you can submit work late. No work will be accepted more than 2 weeks late or after grades for that assignment have posted.

GRADES & DETERMINING YOUR COURSE GRADE

The Bb Grade Center defaults to Calculate as a Running Total. The system does not tabulate final course grades until students complete all assignments. Rather than emailing instructors to ask for your grade, you could view your My Grades page and tabulate current totals. If at any point in the semester you want to gauge your progress, an easy way for you to calculate a projected grade is to divide the number of points you have earned by the total number of points available in the course. This will give you your grade as it stands at a particular moment in the semester (or at least a rough estimate), and then you can calculate out the possibilities for the final grade by projecting various possible grades for the remaining assignments. This information will ultimately help you evaluate your current grade and predict future outcomes.

Assignments @20 points each	100 points
Five 20 point assignments will be made during the semester. They must be completed and turned in by the due. After the assignment is graded it will be returned to you.	
Final Project	100 points
Comprehensive cost benefit analysis and business net worth excel worksheets.	

Grade assignment: <60 = F; 60-69 = D; 70-79 = C; 80-89 = B; 90-100 = A;

SCHEDULE

Tentative Course Outline:

Week #	Topic
1	Introduction, Tools, and Excel Worksheets
2	Rangeland land values, ownership and leasing
3	Range Improvement decision making
4	Grazing Planning
5	Supplemental Feed Decision Making
6	Incorporating Multiple Species and niche partitioning
7	Multiple use and income streams
8	Complete final project