

## ANIMAL SCIENCE 3402 BEEF CATTLE PRODUCTION AND MANAGEMENT

Instructor: Scott Ericsson  
Office: RAS 110  
Office Hours: (MW) 1:00-4:00 pm  
Phone: (432) 837-8260

Spring 2017  
Lecture: TR 9:30-10:45, RAS 132  
Laboratory: W 3-4:50 pm. RAS, 132

Lecture exam grades and notes will be accessible through Blackboard. Class correspondence will be through Blackboard or student's SRSU email account.

### Course Description:

The course will be divided into the areas of history, breeding, feeding, and management of beef cattle. Range laboratory exercises will be an integral part of the course.

### Course Objectives:

By the end of the course, you will be able to understand:

1. The beef cattle industry from the perspective of a supply chain system.
2. The cause and effect relationships that affect cattle productivity and profitability.
3. The challenges confronting the beef industry.
4. The biology, care, health, and management of cattle.
5. Cattle breeds and factors to consider when choosing a particular breed for a production system.

### (ANSC) Student Learning Outcomes:

Student will demonstrate that he/she is able to:

1. Analyze and interpret information gathered in a research setting,
2. Apply critical thinking skills to deal with potential challenges in diverse animal sciences and related industries, and
3. Communicate through written, spoken and graphical methods.

Textbook: Not required.

### Exams:

There will be two midterms and a final exam. Exams will cover lecture materials and readings. The final exam will only cover material presented after the second midterm.

### Laboratory exercises:

There will be laboratory assignments and/or quizzes-exams that will total 100 points.

Grading:

Midterm 1	100 points
Midterm 2	100 points
Laboratory exercises	100 points
Final	<u>100 points</u>
Total	400 points

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

Exam:

Midterm 1 – Tuesday, February 28.

Midterm 2 – Tuesday, April 4.

Final – Monday, May 8, 8:00 am.

16 week calendar (subject to change)

<u>Week</u>	<u>Presentation Order of Topics:</u>
1-2	An Overview of the U.S. Beef Industry.
3-4	Retail Beef Products and Consumers.
5	Review and Midterm 1.
6	Management Decisions for Seedstock Breeders.
7	Commercial Cow-Calf Management Decisions.
8	Spring Break.
9	Yearling-Stocker Management Decisions.
10	Review and Midterm 2.
11	The Marketing System.
12-13	Cattle Breeds.
14	Herd Health.
15	Cattle Behavior, Facilities, and Equipment.
16	Review and Final Exam

***Sul Ross State University is committed to equal access in compliance with the Americans with Disabilities Act of 1973. It is the student's responsibility to initiate a request for accessibility services. Students seeking accessibility services must contact Mary Schwartz, M. Ed., L.P.C., in Counseling and Accessibility Services, Ferguson Hall, Room 112. The mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas. Telephone: 432-837-8691. E-mail:[mschwartz@subross.edu](mailto:mschwartz@subross.edu)***