

Sul Ross State University
ANSC 3305: Horse Production and Management
Monday & Wednesday 8:00-8:50 am (RAS 135)
Monday 1:00-2:50 pm (Lab)

Instructor:

Dr. Perse McCrae

Phone: 432-837-8205

Office: RAS 105

Email: Persephone.mccrae@sulross.edu

Office hours: Monday & Wednesday 9:30-11:00 am or by appointment

Course description:

This class will give students an understanding of the principles of scientific horse production and horse management. Topics covered in this course include, but are not limited to, reproduction, nutrition, exercise physiology, health and commercial aspects of equine enterprises.

Course objectives:

1. Students will demonstrate knowledge of horse care, training and breeding.
2. Recognize and describe disorders associated with equine physiology and management.
3. Evaluate design and functionality of equine facilities.

Marketable Skills for Department of Animal Science:

1. Knowledge of techniques and equipment for planting, growing, and harvesting food products (both plant and animal) for consumption, including storage/handling techniques.
2. Knowledge of plant and animal organisms, their tissues, cells, functions, interdependencies, and interactions with each other and the environment.
3. Understanding the implications of new information for both current and future problem solving and decision-making.
4. Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
5. Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions. Communicating finding in both oral and written form at a level appropriate for the needs of the audience.

Departmental projected learning outcomes:

1. Demonstrate the basic skills of interpreting research data gathered in an agricultural context.
 2. Apply critical thinking skills to mitigate potential challenges in diverse animal sciences and related agricultural industries.
- Demonstrate the ability to communicate through written, spoken, and graphical methods.

Required text:

Horses, A Guide to Selection, Care and Enjoyment. 3rd Ed. 2000. J. W. Evans.
W.H. Freeman and Co., San Francisco.

Academic honesty:

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. For more information visit:

https://www.sulross.edu/sites/default/files/sites/default/files/users/docs/stulife/student_conduct_discipline.pdf

Students with special needs:

Sul Ross State University (SRSU) is committed to equal access in compliance with 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. Please contact me, Ms. Rebecca Greathouse Wren, M.Ed., LPC-S, Director/Counselor, Accessibility Services Coordinator, Ferguson Hall (Suite 112) at 432.837.8203; mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas 79832. Students should then contact the instructor as soon as possible to initiate the recommended accommodations.

Absence & late assignment policy:

It is expected that ALL assignments will be submitted on time. Valid absences include 1) medical emergencies with signed note from a doctor, 2) participation in a SRSU-sanctioned activity with a letter from faculty advisor, or 3) other emergencies or conflicts that are allowed at the professor's discretion. Students are expected to make up missed work within a week of original due date. **Late assignments will be accepted for 4 days following the initial due date and time with a 20% penalty per day late.**

Laboratories:

During the lab section, students are required to have on pants and closed-toed shoes. Students will be working with and around horses during this lab period. There are inherent dangers associated with handling large animals and work in an equine environment. Students are required to follow safety procedures and are strongly encouraged to have accident insurance. **Lab schedule will be announced in class every day. Meeting place and material will be different most days, so please come to class to find out when and where to meet for lab.**

Quizzes:

Quizzes will be issued at the beginning of class on the stated date. Students will have 15 minutes to complete quizzes. Quizzes will be picked up at 8:15 no matter what time student began quiz. **If the student shows up after 8:15 they will not get an opportunity to take the quiz and will receive a zero for that quiz.**

Assignments:

Introduction paper: 50 pts

Write a two-page paper about yourself. Include your interests, potential job interests, horse experience, and what you would like to know about the equine industry. The paper should be double-spaced and Times New Roman, 12 pt font. **Due: January 22nd**

One minute reflection paper: 5 pts each

You will be provided with a handout at the end of each class. Take one minute to list: three things you learned, two things you found interesting, and one question you may have.

Equine industry presentation: 100 pts

Each student will select an area of the equine industry to present on. Conduct an informational interview with someone in this field to gain understanding, as well as conduct your own external research. You will need to sign up for a career to ensure that there are no duplicates. The presentation will be 10-15 min, with ~5 min for questions. See rubric for all details. **Topics are due by: February 10th. Presentations will be February 24th, February 26th & March 2nd.**

Equine business plan & presentation: 200 pts

Each student will be assigned a different property & you must decide what kind of operation you will run on that property. Submission includes a four-page paper (12 pt. Times New Roman font, double spaced) and a 10-15 minute presentation (based on your paper) with 5 minute question period. See rubric for all details. **Papers are due: April 15th. Presentations will be April 15th, 20th & 22nd.**

Points available:

Assignment	Points
Quizzes (20 points each X 6)	120 pts
Exams (125 points each X 3)	375 pts
Introduction paper	50 pts
One minute reflection paper (5 points each X 22)	110 pts
Equine industry presentation	100 pts
Equine business plan & presentation	200 pts
Lab attendance & participation (10 points each x 14)	140 pts
Final Exam (Cumulative)	225 pts
Total	1320 Pts

Grading scale:

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = below 60%

Tentative lecture schedule:

**This information should be treated as an outline – there may be alterations in sequence of topics.*

Date	Topic	Chapter
January 13	Introduction	Introduction chapter
January 15	Purchasing, colors & markings	Chapter 1
January 20	MLK day: NO CLASS	
January 22	Gait, conformation & body scoring Introduction paper due Quiz 1	Chapter 2
January 27	Digestion & nutrition	Chapter 5
January 29	Digestion & nutrition Quiz 2	Chapter 5
February 3	Grooming & foot care	Chapter 7 & 8
February 5	Exam 1	
February 10	Handling, training & conditioning	Chapter 6
February 12	Exercise physiology Quiz 3	
February 17	Injury prevention & rehabilitation	
February 19	Showing & racing Quiz 4	Chapter 12
February 24	Equine industry presentations	
February 26	Equine industry presentations	
March 2	Equine industry presentations	
March 4	Exam 2	
March 9	Spring break: NO CLASS	
March 11	Spring break: NO CLASS	
March 16	First aid	Chapter 9
March 18	Parasites & diseases	Chapter 10
March 23	Breeding Quiz 5	Chapter 14 & 15
March 25	Foaling & care	Chapter 16
March 30	Basic genetics Quiz 6	Chapter 17
April 1	Equine business practices	Chapter 18
April 6	Stable management & air quality	
April 8	Exam 3	
April 13	Work period: Business plans	
April 15	Equine business plan presentations	
April 20	Equine business plan presentations	
April 22	Equine business plan presentations	
April 27	Review	
April 29	Review	
May 1	Final 8:00am-10:00am	Cumulative final