

**Sul Ross State University**  
**ANSC 3305: Horse Production and Management**  
**Spring 2021**

Lecture: Monday & Wednesday 8:00-8:50 am, RAS 135

Laboratory: Monday 1:00-2:50 pm, RAS 132 or horse barn (check BlackBoard for updates)

Instructor:

Dr. Perse McCrae

Phone: 432-837-8205

Office: RAS 105

Email: [Persephone.mccrae@sulross.edu](mailto:Persephone.mccrae@sulross.edu)

Office hours: Monday & Wednesday 11:00 am – 12:00 pm 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.

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.
3. Develop problem solving skills.
4. Demonstrate the ability to communicate through written, spoken, and graphical methods.

Required text:

None.

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. **ANY FORM OF ACADEMIC DISHONESTY WILL RESULT IN A GRADE OF ZERO.** 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](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 wear 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 meeting place and material will vary week to week and will be announced via BlackBoard and email. You will be required to submit a worksheet at the end of each lab section.**

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. In the event of moving online, all quizzes will be available via BlackBoard.**

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 20<sup>th</sup> at 11:59 PM.**

***Equine industry presentation: 100 pts***

Each student will select an area of the equine industry to present on. Include information on your chosen career, including: education required, responsibilities, pay rates, travel requirements, opportunities for growth/promotion, etc. You will need to sign up for a career to ensure that there are no duplicates. The presentation will be 15-20 minutes long. A grading rubric is available on BlackBoard. **Topics are due by: February 10<sup>th</sup>. Slides must be submitted to BlackBoard by 11:59 PM on February 21<sup>st</sup>. Presentations will be February 22<sup>nd</sup>, February 24<sup>th</sup>, March 1<sup>st</sup> & March 3<sup>rd</sup>.**

***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 the property. You will submit a business plan canvas, as well information regarding feeding, turnout, exercise, training, etc. Submission includes a five-page paper (12 pt. Times New Roman font, double spaced) and a 15-20 minute presentation. **Papers AND slides are due: April 19<sup>th</sup> by 11:59 PM. Presentations will be April 19<sup>th</sup>, 21<sup>st</sup>, April 26<sup>th</sup> & April 28<sup>th</sup>.**

Points available:

<b>Assessment</b>	<b>Points</b>
Introduction paper	50 pts
Quizzes (20 points each X 6)	120 pts
Lab attendance & participation (14 points each x 10)	140 pts
Midterm exam	150 pts
Equine industry presentation	115 pts
Equine business plan & presentation	200 pts
Final Exam (Cumulative)	225 pts
Total	1000 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.*

<b>Date</b>	<b>Topic</b>
January 11	Introduction
January 13	Evolution
January 18	MLK day: NO CLASS
January 20	Domestication <b>Introduction paper</b>
January 25	Domestication
January 27	Breeds & senses <b>Quiz 1</b>
February 1	Purchasing
February 3	Gait, conformation & body condition scoring <b>Quiz 2</b>
February 8	Grooming & foot care
February 10	First aid
February 15	Parasites & diseases <b>Quiz 3</b>
February 17	Digestion & nutrition
February 22	<b>Equine industry presentations</b>
February 24	<b>Equine industry presentations</b>
March 1	<b>Equine industry presentations</b>
March 3	<b>Equine industry presentations</b>
March 8	Spring break: NO CLASS
March 10	Spring break: NO CLASS
March 15	Stable management
March 17	<b>MID TERM EXAM</b>
March 22	Handling, training & conditioning <b>Quiz 4</b>
March 24	Exercise physiology
March 29	Injury prevention & rehabilitation
March 31	Showing & racing
April 5	Basic genetics <b>Quiz 5</b>
April 7	Breeding
April 12	Foaling & care
April 14	Equine business practices <b>Quiz 6</b>
April 19	<b>Equine business plan presentations</b>
April 21	<b>Equine business plan presentations</b>
April 26	<b>Equine business plan presentations</b>
April 28	<b>Equine business plan presentations</b>
April 30	<b>FINAL EXAM 8:00am-10:00am</b>