

Sul Ross State University  
ANSC 3305  
Horse Production and Management  
Monday & Wednesday 8:00-9:15 am  
Monday 1:00-2:50 pm (Lab)

Instructor:

Tiffany Janke

RAS 105

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Office Hours: Monday & Wednesday 9:30-10:30 am or by appointment

Course Description:

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

Course Objectives:

Upon completion of this course, students should be able to:

1. Describe pre- and post-partum care of mares and foals
2. Analyze conformation and suitability of breeding animals and make mating decisions
3. Recognize and describe disorders associated with equine physiology and management
4. Evaluate feeding and management programs for different classes of horses
5. Create a preventative health plan for an equine operation
6. 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:

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

### Accommodations:

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. Email: [mschwartz@sulross.edu](mailto:mschwartz@sulross.edu).

### 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. If work is late due to a reason outside of these three previously listed, the work will not be accepted and the student will receive a zero for that assignment.

### 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. **This lab section doesn't not count for your horse care time.**

### 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 student shows up late, the quiz will still be taken up at 8:15. 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 & Grading:

<b>Assignment</b>	<b>Points</b>
Quizzes (20 points each X 6)	120 pts
Exams (100 points each X 3)	300 pts
Introduction Paper	40 pts
One Minute Reflection Paper (5 points each X 30)	150 pts
Equine Industry Presentation	50 pts
Horse Care (10 points each X 14)	140 pts
Foal Watch ( 10 points each X 6)	60 pts
Sire Project	50 pts
Equine Business Plan & Presentation	100 pts
Lab Attendance and Participation (10 points each X 14)	140 pts
Final Exam (Cumulative)	100 pts
	Total
	1,250 Pts
Extra Credit????	????

### Grading Scale:

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

## Tentative Lecture Schedule:

Date	Topic	Chapter
January 23	Introduction to Equine Industry	Introduction Chapter
January 28	Breeds, Colors & Markings <b>Introduction Paper Due</b>	Chapter 1
January 30	Confirmation & Body Scoring	Chapter 2
February 4	<b>Quiz 1</b> & Equine Reproductive Tracts	Chapter 14 & 15
February 6	Breeding Horses	Chapter 14 & 15
February 11	<b>Quiz 2</b> & Mare Care During and After Pregnancy	Chapter 16
February 13	Understanding Basic Genetics	Chapter 17
February 18	<b>Exam 1</b>	
February 20	Feeding Horses & Digestive Tract	Chapter 5
February 25	Feeding Horses & Digestive Tract <b>Sire Project Due</b>	Chapter 5
February 27	<b>Quiz 3</b> & Grooming & Foot Care	Chapter 7 & 8
March 4	First Aid	Chapter 9
March 6	<b>Quiz 4</b> & Parasites & Diseases	Chapter 10
March 11	Parasites & Diseases	Chapter 10
March 13	<b>Exam 2</b>	
March 18	Spring Break	
March 20	Spring Break	
March 25	<b>4-H CDE Judging Event</b>	
March 27	Handling, Training and Conditioning	Chapter 6
April 1	Foal Care & Training	Chapter 15
April 3	<b>Quiz 5</b> & Riding your Horse	Chapter 11
April 8	Tack	Chapter 11
April 10	<b>Quiz 6</b> & Showing & Racing	Chapter 12
April 15	Showing & Racing	Chapter 12
April 17	Rodeo, Trail, Sports Events & Equine-Assisted Therapy	Chapter 13
April 22	<b>Exam 3</b>	
April 24	Business Practices in the Horse Industry	Chapter 18
April 29	Business Practices in the Horse Industry	Chapter 18
May 1	Equine Industry Presentations	
May 6	Equine Business Plan Presentations & Review	
May 8	Equine Business Plan Presentations & Review	
May 9	Dead Day	
May 10	Final 8:00am-10:00am	Cumulative Final

\*\*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.\*\*

## Assignments

### Introduction Paper: 40 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 28<sup>th</sup>**

### Sire Project: 50 pts

A broodmare from our SR herd will be assigned to each student. Select a sire to breed to the mare that complements her breeding and the goal of a ranch versatility offspring. Once you have selected your stud, write a three page paper explaining the reasoning for your selection. The paper must be double-spaced and Times New Roman, 12 pt font. **Due: February 25<sup>th</sup>.**

### One Minute Reflection Paper: 5 pts each

At the end of each class, take a minute to write down what you recall from the lecture and any questions you have over the material. This is a quick way for me to touch base with you and know how you are doing on a daily basis. I will provide you with a 3, 2, 1 handout every day. This will consist of a fill in the blank system that will have three things you have learned, two things you found interesting, and one question you may have. If there is anything else you would like to add to these sheets you are welcome to.

### Equine Industry Presentation: 50 pts

Each Student will select an area of the Equine Industry to present on. The presentation will be anywhere from 5-10 minutes long. I want to know about careers, responsibilities, pay rates, travel requirements, and any other useful information pertaining the selected area. I will have a sign in sheet for topics so that there are no duplicates. A grading rubric will be provided ahead of time. **Topics are due by: March 13<sup>th</sup>. Presentations will be Monday, May 1<sup>st</sup>.**

### Horse Care: 10 pts each

Students will be required to come to the Equine Facilities once a week to assist with taking care of the horses. This will include, but not limited to, feeding horses, cleaning pens, taking inventory on hay, filling water buckets, and cleaning water buckets. This is a requirement of this course. If you don't show up for your shift, it will impact your grade. I will have a signup sheet for everyone to pick a day and time that works best for them.

### Foal Watch: 10 pts each

Once our mares start showing signs that they will be foaling soon, there will be a nightly rotation to check the mares. It is very important that we are there to assist with the birthing process. This will also be for a grade, if you don't show up for your shift, it will impact your grade.

### Equine Business Plan Presentation: 100 pts

Each student will be assigned a different piece of property. You have to decide what kind of operation you will run on the property. I want to know your feeding regimen, grazing turnouts, exercise plans, training regimens, etc. I want to know everything about your business. There will be a five page paper as well as a 15-20 minute presentation to go along with it. **Papers are due: May 6<sup>th</sup>. Presentations will be May 6<sup>th</sup> & 8<sup>th</sup>.**