

Fall 2025 (10222)
M-W-F 11:45 - 12:35 (Period 5)
Room 156 ANS Building

Instructor

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Office hours: MWF 10:00 – 11:00 (Available for appointments every day)

Course Description

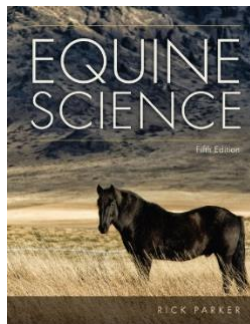
ANS 3216 is a basic and applied science course intended for students with an interest in the equine industry but with limited equine experience. A wide range of topics relating to principles of selection, care, and utilization will be explored.

Objectives

1. Recognize the relationship of horses and mankind, past and present.
2. Develop an appreciation for the scope of the horse industry in Florida, the United States, and the world.
3. Outline the basic principles of equine anatomy, biomechanics, genetics, behavior, nutrition, reproduction, and health.
4. Utilize science-based information to develop best management practices for responsible horse selection, ownership, and care.

Course Information

This is a *3-credit lecture course*. There are *no prerequisites* and there is *no required textbook*. Equine Science, 5th edition (2018), Rick Parker, ISBN:978-1-305-94972-0 will be our primary reference text. I will provide articles, videos, and web links to expand on the topics covered in class. CANVAS will serve as our course website and will include announcements, course notes, articles, videos, links, assignments, and your grades. <https://elearning.ufl.edu/>



Attendance and Make-Up Work

Attendance and participation are expected. Though not required, attendance may be recorded throughout the semester. Lecture content will be released prior to the date of the lecture located under the Modules tab in Canvas. Please note that this content is not comprehensive and will therefore require attendance for full material. Materials for exams will be taken from the subject matter presented in the lecture periods and assignments. Make-up exams and assignments are not permitted without prior approval or medical notice.

Outside class assignments

The topics of this course are meant to be applied to responsible horse ownership. Therefore, throughout the semester, outside-class assignments will be used to reinforce material covered and for each student to apply their knowledge to horse ownership/management. At the conclusion of the semester, student's accumulated assignments will be worth 100 points toward their final grade.

Late Work

It is expected that ALL assignments will be submitted on time. Without a university excused absence, assignments turned in late will receive the following penalty:

0.01 – 24 hours late = - 50% 24-48 hours late = - 75% >48 hours late = NOT accepted

Grading and Exams

Canvas will be used to post assignments as well as for homework submissions and posting of grades. All exams will be administered during regularly scheduled class time in the classroom.

Three semester exams @ 100 points each	300 points
<i>Optional Cumulative Final exam: replaces lowest grade</i>	<i>100 points</i>
Outside of class assignments and quizzes	<u>100 points</u>
Total Possible	400 points

Exam Schedule

Exam #1:	September 22nd	100 pts
Exam #2:	October 24th	100 pts
Exam #3:	December 1st	100 pts
<i>Optional Cumulative Final exam:</i>	<i>December 9th 10:00 a.m.</i>	<i>100 points</i>

The final exam will replace your low grade. It will only be offered once, at the scheduled time.

***NOTE: ALL EXAMS ARE TO BE TAKEN AT THEIR SCHEDULED TIMES. MAKE-UPS WILL BE GIVEN ONLY FOR PRIOR EXCUSED ABSENCES AND MUST BE TAKEN WITHIN 3 CLASS DAYS (±) FROM THE SCHEDULED EXAM TIME.**

Final Grades

Percentage of points earned out of total points available will determine final grades as follows:

A	≥ 90	B-	≥ 78 - <80	D+	≥ 65 - <68
A-	≥ 88 - < 90	C+	≥ 75 - <78	D	≥ 60 - <65
B+	≥ 85 - < 88	C	≥ 70 - <75	D-	≥ 58 - <60
B	≥ 80 - < 85	C-	≥ 68 - <70	E	< 58

Schedule

Date	Topic	Parker
August 22	Introduction, course overview, history	Ch. 1
August 25	Horse/human interaction/Industry scope	Ch. 2
August 27	Classes and breeds of horses	Ch. 3
August 29	Breeds of horses continued	Ch. 3
September 1	NO CLASS – LABOR DAY HOLIDAY	
September 3	Colors and identification	Ch. 8 & 16
September 5	Equine Genetics	Ch. 10
September 8	Coat Color Inheritance	Ch. 10
September 10	Genetic abnormalities	Ch. 10
September 12	Determining Age, Height, and Weight	Ch. 9
September 15	Functional Anatomy	Ch. 5
September 17	Biomechanics: Gaits and action	Ch. 6
September 19	Defects in Gait	Ch. 6
September 22	EXAM #1	
September 24	Selection	Ch. 7 & 8
September 26	Blemishes and unsoundnesses	Ch. 7
September 29	Foot Structure and Function	Ch. 17
October 1	Common Foot Problems	Ch. 17
October 3	Hoof Care	Ch. 17
October 6	Digestive Anatomy & Physiology	Ch. 12
October 8	Nutrient Requirements	Ch. 12
October 10	Evaluating Feedstuffs	Ch. 13
October 13	Feeding Management	Ch. 13
October 15	Temperament and Behavior	Ch. 19
October 17	NO CLASS - HOMECOMING	
October 20	Senses and Communication	Ch. 19
October 22	Principles of Learning	Ch. 19
October 24	EXAM #2	
October 27	Exercise physiology	Ch. 5
October 29	Conditioning Programs	Ch. 6

October 31	Reproductive Anatomy	Ch. 11
November 3	Reproductive Physiology	Ch. 11
November 5	Breeding options	Ch. 11
November 7	Foaling and post foaling care	Ch. 16
November 10	Internal Parasites	Ch. 15
November 12	Strategic Deworming	Ch. 15
November 14	External Parasites	Ch. 15
November 17	Infectious Equine Diseases	Ch. 14
November 19	Non-infectious equine diseases	Ch. 14
November 21	Recognizing health problems	Ch. 14
November 24	NO CLASS – THANKSGIVING HOLIDAY	
November 26	NO CLASS – THANKSGIVING HOLIDAY	
November 28	NO CLASS – THANKSGIVING HOLIDAY	
December 1	EXAM # 3	
December 3	Wrap- up: Responsible Horse Ownership	
December 4-5	Reading Days	
December 9	OPTIONAL FINAL EXAM 10:00 a.m. – 12:00 p.m.	

***Lecture topics and exam/assignment due dates are subject to change.
If any changes are made, you will receive at least one-week prior notice.**

Class Etiquette

I will make every attempt to engage students in discussion during our lecture time. Come prepared to ask questions and/or share what you have learned outside of class. Don't be afraid to participate. Be respectful of other students' opinions, knowledge, and background.

Academic Resources and Policies can be found at:

<https://syllabus.ufl.edu/syllabus-policy/uf-syllabus-policy-links/>

Attendance and Make-Up Work

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Grades and Grading <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Disability Resource Center <https://disability.ufl.edu/get-started/>

Academic Honesty <https://sccr.dso.ufl.edu/process/student-conduct-code/>

I value your feedback!

