

ANSC 2251/SAAS 251

Horse Science

Spring 2014

Lecture Schedule: 9-9:50 AM Mon./Wed.
George White Rm. 209

Dr. Jenifer Nadeau,
Room 2, G. White Building, 486-4471
jenifer.nadeau@uconn.edu

Lab Schedule: 10 AM – 12 PM or
1-3 PM Mon Horsebarn Hill Arena

Office Hours: By appointment

Undergraduate TAs: 10-12 lab: Skylar Koll skylar.koll@uconn.edu

1-3 lab: Jessica Barry jessica.barry@uconn.edu (203) 993-5391

Texts: Equine Science (ES), 4th Edition, Rick Parker, Publisher: Cengage Learning, Delmar ISBN-13:978-1-111-13877-6; ISBN-10:1-111-13877-X, iclicker Student Remotes

Course Objectives

1. Explain the history and development of the horse from prehistoric times to the present and the impact of this on behavior and training.
2. Describe the breeds, types, and classes of horses.
3. Describe the anatomy and physiology of the horse and apply it to the biomechanics of movement, health and disease, selection and judging, age, genetics, reproduction and nutrition of the horse.
4. Describe best management practices for horse facilities and the proper housing of horses.
5. Discuss the business aspects of horse management and career opportunities in the equine industry.

The above objectives will be achieved through the use of traditional and modern techniques including lectures using overheads, Power Point, and hands-on activities and projects.

Special Needs: If you have special needs, please contact the Center for Students With Disabilities (www.csd.uconn.edu). They will contact me so that I can make adjustments as necessary.

Office Hours: Office hours are by appointment. You can contact me just prior to and after class or lab for a short visit. My voice mail will take a message if I am not there, and a message can be left at any time, day or night. Email can also be sent 24 hours a day. You can send email at jenifer.nadeau@uconn.edu.

Cell Phones/Talking: I expect you to have the courtesy to turn your cell phone off and not talk or during class to others, on the phone or in person. Also, basic calculators should be used; cell phones will not be allowed as calculators.

iClickers: You can purchase these at the UConn Coop, they are required. Previous students have enjoyed the level of interaction in the course that they provide. We are using iclicker2 but iclicker1 will also work. If your friend has a clicker and are not in this class, then you can also borrow his/her clicker! If you already purchased a CPS remote, you can give the serial number with a receipt for the iclicker and get a \$10 rebate. You should register your clicker online at <http://iclicker.com/support/registeryourclicker/> by the add/drop date. When registering, your student id = your net id. You can exchange broken clickers at the UConn Coop. For technical support issues, email steven.mcdermott@uconn.edu or support@iclicker.com or call (866) 209-5698. Clicker participation will be posted approximately once a month. Your number of correct answers does not matter, participation does.

Husky CT - Login using your netid and password at <http://learn.uconn.edu>. This tool will contain the online self tests, notes, discussion board, calendar, and learning activities.

Printing Notes - HuskyCT: Notes from class will be made available online in the course materials section of HuskyCT before each lecture. A good learning strategy is to compare notes after class with other students to be sure you did not miss anything important.

Brief Description of Lab Reports and Projects:

Rubrics will be provided for all activities as they occur. Rubrics will be posted with lectures or labs under course materials in HuskyCT.

Lab Reports are due the following week in lab. 10 points will be taken off for each day late. Lab reports can be found under lab in the course materials section of HuskyCT.

Online Discussion Posts - There will be an online discussion area where you can interact with other students. I will also check in and be available to answer questions and also add information of interest. Click on discussions on the toolbar in HuskyCT to go to this area.

Online Self-Tests - There will be online self-tests on lecture material. This should help you to keep up and comprehend the lecture material. Students may repeat self-tests as often as they like. The self tests are completely optional; grades will not be recorded in the grade book. Click on assessments on the toolbar in HuskyCT to go to this area.

Portfolio Project - You will be assigned pieces of the portfolio project as we proceed through the course. Assignments reinforce course content. More guidelines will follow.

Reading Guided Questions - The optional reading guided questions may be helpful in comprehension of reading material and what concepts in the material are the most important to understand. They are strictly optional and will not be collected.

Extra Credit – After the reading guided questions for each section, I will list some activities that you can do. Choose 1 during the semester to be able to add 10 points to your lowest grade, and you will report on it in lab. You can only do this once.

Grading	% of total grade
Exam 1	15%
Exam 2	15%
Exam 3	15%
Exam 4	15%
Lab reports/quizzes	15%
Portfolio project	15%
In Class Activities	10%

GRADING: >90%=A, 87-89% = B+, 80-86%=B, 77-79%=C+, 70-76=C, 67-69%=D+, 60-66%=D, <60%=F

All examinations will be taken at the scheduled time. If a medical excuse is presented or you are excused for a trip by prior arrangement, a make-up exam will be scheduled; otherwise a zero will be recorded for missed exams. In class activities include using clickers for quizzes for participation.

Academic misconduct in any form is in violation of the University of Connecticut *Student Code* and will not be tolerated. This includes, but is not limited to: copying or sharing answers on tests or assignments, plagiarism, and having someone else do your academic work. Depending on the act, a student could receive an F grade on the test/assignment, F grade for the course, and could be suspended or expelled from the University. Please see the student code at http://www.community.uconn.edu/student_code_appendixa.html for more details and a full explanation of the academic misconduct policies.

Attendance is not required but is highly recommended. It will be extremely difficult to do well in this course if you are not present. Late projects or papers will be penalized. A review session will be offered before each exam.

Absence of students due to religious beliefs. Students anticipating such a conflict should inform their instructor in writing within the first three weeks of the semester, and prior to the anticipated absence, and should take the initiative to work out with the instructor a schedule for making up missed work. For conflicts with final examinations, students should, as usual, contact the Office of Student Services and Advocacy.

Absence of students due to extracurricular activities. Students anticipating such a conflict should inform their instructor in writing prior to the anticipated absence and work out with the instructor a schedule for making up missed work. For conflicts with final examinations, students should, as usual, contact the Office of Student Services and Advocacy.

Bunched finals

Students who have “bunched finals” should go to the Student Services Desk at the entrance to Wilbur Cross **to reschedule their exams.** Bunched finals include the following:

- 2 finals scheduled at the same time
- 3 finals in one calendar day
- 3 finals in consecutive time blocks spanning parts of two consecutive days
- 4 finals in two consecutive days

Extenuating circumstances

Students with extenuating circumstances are encouraged to visit the Office of Student Services & Advocacy to speak to a staff member as soon as possible. Staff may allow students to reschedule a final due to an unavoidable circumstance, such as religious observances, previously scheduled medical procedures/appointments, attendance at a funeral, or other ceremonies in which you are directly involved in the event. Supporting documentation will be required. Finals **are not rescheduled** for personal errors, like oversleeping or misreading the finals schedule. Finals are generally not rescheduled due to voluntary travel conflicts. **Students (and parents) are encouraged to check the finals schedule before making travel plans.**

Students who have prior knowledge of a conflict (bunched finals, religious event/obligation, court date, previously scheduled medical appointment, or other qualifying event) must come to OSSA. Students with an **immediate illness** must be seen by **Student Health Services** for verification of illness. SHS will provide this information to OSSA and OSSA will inform the instructor(s) of permission to reschedule the final. Students who are ill and see SHS do not need to also visit OSSA.

University emergency/closings

In case of a University closing (emergency or severe weather conditions), finals may be rescheduled from the original, date/time. The Registrar’s Office will determine the makeup finals schedule in these instances. Please check with the Registrar’s Office website for the most up to date information available.

Helpful Campus phone numbers:Counseling and Mental Health Services 486-4705 www.counseling.uconn.eduCareer Services 486-3013 www.career.uconn.eduAlcohol and Other Drug Services: 486-9431 www.aod.uconn.eduOffice of Student Services and Advocacy: 486-3426 www.ossa.uconn.edu

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Lecture and Lab Schedule

****Schedule subject to change due to unforeseen circumstances; additional handouts may be provided****

Day	Date	Format	Topic	Page No.
Wed.	1/22	LEC	Overview of the Course/Colors and Markings, Types, Classes, Uses of Horses; Breeds - Aka Identification of Horses	p. 52-70, 190-192, 228-232
Mon.	1/27	LEC	Evolution of the Horse	p. 1-7
Mon.	1/27	LAB	Safe Handling of Horses/Introduction to Portfolio Piece 1/Groom Off Contest	Handouts; p. 490-494
Wed.	1/29	LEC	Domestication of the Horse	p. 8-48
Mon.	2/3	LEC	Skeletal System	p. 92-100
Mon.	2/3	LAB	Visible Anatomy and Physiology Lab/Introduction to Portfolio Piece 2 & 3/Intro to Lab Presentations	p.92-100, 538-562
Mon.	2/10	LEC	Behavior and Training	p. 165-167, 443-460
Wed.	2/5	LEC	Horse Conformation/Gaits	p. 173-175, 137-142, 146-165, 167-169, 184-190, 193-196
Mon.	2/10	LAB	Pre-Purchase Examination: What to Look for In a Horse	p. 167-169, 175-184, handouts
Wed.	2/12	LEC	Exam 1	
Mon.	2/17	LEC	Muscular System and Disorders of the Muscular System	p. 100-103, 127-132
Mon.	2/17	LAB	Visible Anatomy and Physiology II/Body Condition Scoring/ Portfolio Piece 1 due	
Wed.	2/19	LEC	Disorders of the Skeletal System	p. 146-165
Mon.	2/24	LEC	Responsible Horse Breeding - Unwanted Horse Issue	
Mon.	2/24	LAB	Lab Presentations	
Wed.	2/26	LEC	Circulatory System and Disorders of the Circulatory System	p. 110-114, 319-324
Mon.	3/3	LEC	Internal Parasites of Horses	p. 352-364; 368-371

Mon.	3/3	LAB	Fecal Flotation Lab	
Wed.	3/5	LEC	EXAM 2	
Mon.	3/10	LEC	Nervous System and Disorders of the Nervous System	p.112-114, 338-344
Mon.	3/10	LAB	Equine Myofascial Release Therapy Lab	
Wed.	3/12	LEC	Endocrine System and Disorders of the Endocrine System	p. 116-122
Mon.	3/17	LEC	No class – Happy Spring Recess!	
Mon.	3/17	LAB	No class – Happy Spring Recess!	
Wed.	3/19	LEC	No class – Happy Spring Recess!	
Mon.	3/24	LEC	Reproductive System and Disorders of the Reproductive System	p. 114-116, 216-228, 238-261
Mon.	3/24	LAB	Aging Lab	p. 199-209
Wed.	3/26	LEC	Respiratory System and Disorders of the Respiratory System	p. 108-109, 326-333
Mon.	3/31	LEC	Digestive System and Disorders of the Digestive System	p. 103-106, 264-267; 333-338
Mon.	3/31	LAB	Plastinated Specimens/Nutrition Lab/TPR lab	p. 267-307, 311-314
Wed.	4/2	LEC	Integumentary and Urinary Systems and Disorders of the Integumentary and Urinary System	p. 106-108
Mon.	4/7	LEC	Horse Processing/Disposal Options	
Mon.	4/7	LAB	Saddle Fitting/ Portfolio Piece 2 Due	p. 468-474
Wed.	4/9	LEC	Exam 3	
Mon.	4/14	LEC	Facility Design and Safety/Biosecurity	p. 420-440
Mon.	4/14	LAB	Facility Safety Analysis/Tack Safety/Join Up/ Portfolio Piece 3 due	p. 420-440
Wed.	4/16	LEC	External Parasites of Horses	p. 392-396
Mon.	4/21	LEC	Pasture/Watercourse Management/River and Stream Bank/Waste & Runoff Management	p. 396-398
Mon.	4/21	LAB	Environmental Awareness Lab/Intro to Portfolio Piece 4 & 5	
Wed.	4/23	LEC	Equine Insurance	p. 532-535
Mon.	4/28	LEC	Equine Business	p. 497-531
Mon.	4/28	LAB	Equine Business Plan Design/ Portfolio Piece 4 Due, Portfolio Piece 5 optionally due	p. 497-531
Wed.	4/30	LEC	Equine Law	p. 530-531
Wed.	5/7		Final Exam (Exam 4), Portfolio Piece 5 due	
8-10 AM				

Important due dates:

Written labs due the next week in lab!

Mon	2/10	LEC	Exam 1
Mon	2/17	LAB	Portfolio Piece 1 due
Mon	2/24	LAB	Lab Presentations
Wed	3/5	LEC	Exam 2
Wed	4/7	LAB	Portfolio Piece 2 due
Wed	4/9	LEC	Exam 3
Mon.	4/14	LAB	Portfolio Piece 3 due
Mon	4/21	LAB	Portfolio Piece 4 due
Mon	4/28	LAB	Portfolio Piece 5 optionally due
Wed	5/7		Final Exam, Portfolio Piece 5 due