



EQUINE HEALTH MANAGEMENT

ANS 3217C

DESCRIPTION

"An ounce of prevention is worth a pound of cure."

The horse industry is responsible for producing animals finely-tuned to perform a variety of tasks. Horses have adapted physically to perform as athletes, work livestock, and provide companionship. Keeping horses healthy in these diverse activities is a challenge. We will approach horse health from a physiological perspective. Learning to recognize a sick animal early on is key for successful treatment and prevention of health issues. Understanding how the horse and its pathogens function in their environment allows design of effective preventative strategies. Through class sessions and live animal labs students will learn techniques and gain experience in managing a healthy herd.

Instructor:

Dr. Samantha Brooks

Location:

Rm. 156, Animal Sciences/Horse Teaching Unit/TBA

Time:

3rd Per. R, 9:35-10:25am

Lab 0233, Per. 6-7, 1:00-2:45pm

Lab 4675, Per. 8-9, 3:10-4:55pm

Office Hours:

Thursday, 10-11am, or by appointment

ANS 3217C Equine Health Management

Credits: 2; Prerequisites: ANS 3006C; must be AL-equine option major.

Principles and practices for planning, implementing and maintaining equine herd health.

Objectives

At the conclusion of this course students will have the ability to:

1. Perform typical measurements of equine physiology and behavior, as well as recognizing deviations from normal for these observations.
2. Understand the biological rationale behind basic health care techniques in the horse.
3. Infer preventative strategies based on the biology of various pathogens and parasites.
4. Develop appropriate skills in the use of biologics, anthelmintics and health care equipment.
5. Perform methods of restraint and training necessary in safe administration of health care.
6. Create and execute a heard health management plan.

Textbook

AYHC Horse Industry Handbook, a guide to equine care and management. 2014 version.

Published by the American Youth Horse council: http://www.ayhc.com/AYHC_Store.html.

You may purchase the textbook online directly from the AYHC using the link above. Please plan for extra shipping time if you use this method. The book is available elsewhere, but you must be careful that the edition you purchase has all updates and is current through 2014.

Communication

Course materials and communications will be hosted on a Canvas e-Learning site. Some assignments and assessments will only be accepted through Canvas.

Course credit and assessments

40%- Exams, one Mid-term and one Final, ~50 questions each.

20%- Group Projects, disease wiki pages due at mid-term and behavior observation reports due at the end of the semester.

20%- Quizzes, 12x 6-8 questions each, to be completed prior to the beginning of each class.

20%- In-class assignments and Lab write-ups (due at the end of each lab).

Due dates for all assignments are presented in the course schedule.

Grading Scale

93-100%- A

90- 92.9%- A-

87-89.9%- B+

83-86.9%- B

80-82.9%- B-

77-79.9%- C+

73-76.9%- C

70-72.9%- C-

67-69.9%- D+

63-66.9%- D

60-62.9%- D-

60% and Below- E

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Dress Code

Working with horses on the farm requires appropriate clothing as a protective measure from a number of environmental hazards. These may include, but are not limited to, slobber, urine and various body fluids, manure, stinging insects, biting flies, hazardous plants, ropes and equipment, sun and heat exposure and of course, a generous amount of dirt and grime. For your own protection you are required to wear sturdy closed-toe shoes, long pants and a sleeved (short or long) shirt for laboratory sessions. Flip-flops, sandals, bare midriffs, spaghetti-strap tops, shorts, short skirts and clothing that insufficiently covers your undergarments are specifically prohibited. Hats must be removed in the classroom and during quizzes or exams.

Furthermore, as representatives of this class, our department and our university you are expected to dress, and to act, in a professional manner at all times.

Cell Phone, Laptops and Other Technology

Cell phones must remain powered off and stored during class and labs unless specifically permitted for an activity or assignment.

Use of laptops, tablets, and internet connected devices is encouraged during specific sessions in this course. However, these devices do come with social responsibility. Students are expected to keep sounds turned off, not to distract those around them, and most of all to limit “multitasking” activities that will distract themselves (ie email and social media.) Excessive multitasking and disruptive use of electronic devices will result in a dismissal from the classroom.

Attendance and Make-Up Work

This course requires active participation, hands-on labs and discussion with your peers. As such attendance is imperative.

University policies for class attendance and make-up exams, assignments and other work can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

It is your personal responsibility to obtain information presented in class. Documentation of approved absences (personal illness, family emergency etc.) must be presented within 5 days for arrangements to be made to make-up quizzes and assignments. University approved absences for sports and student organizations must be disclosed at least two weeks in advance. **Late assignments due to unexcused absence will be penalized 25% for the first 24 hours beyond the due date, 50% for 24-48hrs late and will not be accepted thereafter.**

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>.

Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

Academic Integrity and Plagiarism

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."*

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation

0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- *University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu/cwc/ Counseling Services, Groups and Workshops, Outreach and Consultation, Self-Help Library, Wellness Coaching*
- *Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/*

Course Schedule (subject to modification to accommodate guest speakers)

<i>DATE</i>	<i>Class Topic</i>	<i>Lab</i>	<i>Location</i>	<i>Reading</i>	<i>Due</i>
8/27	Intro/Euthanasia	The Normal Horse	HTU	Syllabus, 470, 425, 775, 780	Intro Survey Syllabus Quiz
9/3	Alternative Therapy	Acupuncture	HTU	Handout, Canvas	Lab Write-up
9/10	Infectious Disease I	First Aid	HTU	440, 465, 1160	
9/17	Equine Institute	Southeastern Livestock Pavilion	Ocala	-	Pre-register!!
9/24	Infectious Diseases II	Vaccinations	HTU	445, 605-630, 645-665, 680, 685	Lab Write-up
10/1	Lameness I	Managing hoof problems	HTU	230, 455, 505-555, Canvas	Lab Write-up
10/8	Lameness II/ Pre-purchase	Evaluating Lameness	HTU	Canvas	Lab Write-up
10/15	MIDTERM EXAM All Material through 10/9	Restraint	HTU	Canvas	Diseases Wiki Group Project
10/22	Behavior	Behavior observations	HTU	425, 1220, Canvas	Lab Write-up
10/29	Internal Parasites I	Dentistry	HTU	240, 405	Lab Write-up
11/5	Internal Parasites II	Parasite Evaluation and Control	155 ANS	430 and Canvas	Lab Write-up
11/12	External Parasites	External Control	Ent&Nem 2217	415 and Canvas	Lab Write-up
11/19	Non-infectious Disease	Colic	HTU	435a, 460, 640, 670, 675, 795	Lab Write-up
11/26	HOLIDAY!	-	-	-	-
12/3	Biosecurity	Observation Presentations	155 ANS	475 and Canvas	Observation Write-up
12/14	FINAL EXAM Material since MIDTERM	7:30 a.m. - 9:30 a.m. Exam Group 14A	156 ANS	-	-

