

**ANSC 4111/5111
EQUINE HEALTH AND DISEASE
SPRING 2014
Tuesday/Thursday 7:35-8:50am AB 103
O’Toole/Howard**

CLASS SCHEDULE: Tuesday/Thursday 7:35 – 8:50

LOCATION: AB 103

INSTRUCTORS:

- Dr. Donal O’Toole, veterinary pathologist; *office:* WSVL #119; *office hours:* by appointment; office phone: 307-766-9976; email: dot@uwyo.edu
- George Howard, UW rodeo coach; office: Agriculture C #144; *office hours:* by appointment; office phone: 307-766-4171; email: ghoward@uwyo.edu

COURSE DESCRIPTION: To enhance student’s overall knowledge of equine diseases and disease prevention including management. The course includes an introduction to treatment and therapy

COURSE OBJECTIVES: Familiarize students with the principals of equine health and management, equine diseases, disease prevention, diagnosis of disease (e.g. lameness or colic), and rudiments of treatment.

RECOMMENDED TEXT:

1. Comprehensive Guide to Equine Veterinary Medicine. Dr. Barb Crabbe.
2. Merck Veterinary Manual. Available on line at www.merckvetmanual.com/

GRADING: Grades will be assigned based on total points earned with **90-100% = A, 80.0-89.99% = B, 70.0-79.99% = C, 60.0-69.99% = D, less than 60.0% = F.**

Undergraduates:

Exam 1	Tues 4 Feb	Written examination – short answers/multiple choice	100	20%
Exam 2	Tues 4 March	Written examination – short answers/multiple choice	100	20%
Exam 3	Thurs 3 April	Presentation and paper	100	20%
Exam 4	Thurs 7 May	Written examination – short answers/multiple choice	100	20%
Exam 5	27 Feb or 27 Mar or 29 Apr	Oral presentation	100	20%
Total Points			400	100 %

ANSC 4111/PATB 4111 ORAL PRESENTATION AND PAPER

Students must complete a 5-page single spaced paper on a specific topic related to equine health and disease. The topics will be assigned to students by the end of the first week of class. Students can propose topics to instructors. The paper will be in 12 pt font- Times Roman Numeral or Arial, margins: 1 inch top and bottom, and 1 ½” left and right) in length, with a list of journal references. The reference list should follow the format of the *Equine Veterinary Journal*. A full-text version of *Equine Vet J* is available through Coe (online). The paper is due

BEFORE you make your oral presentation, regardless of whether it is in February, March or April.

Example: Dyson, S.J. (2004) Medical management of superficial digital flexor tendonitis: a comparative study in 219 horses (1992-2000). *Equine Vet J* 36, 415-419.

The second part of the assignment is a ten minute presentation describing the topic you researched. This will be done by students in groups, which will also be assigned. Presentation format is up to you. You are welcome to use Power Point, overhead slides, posters, examples, or a live horse, etc. Just use the best method that help classmates understand the topic or concept. The paper accounts for 50% of the grade for exam 5; the other 50% comes from quality of the presentation in class. Student should address the cause, concern, and prevention of the condition, and how it affects horses. Student groups will be assigned a day and time for the presentation.

Name: _____

Topic: _____

Paper	Points	Score	Comments
Content	25		
Mechanics- grammar, spelling, punctuation, formatting	15		
Originality	10		
TOTAL	50		
Presentation			
Format	10		
Content	25		
Oral skills	5		
Question/answers	10		
TOTAL	50		
Overall Grade	100		

ATTENDANCE POLICY: Class attendance is important. If too ill or injured to attend class, contact Drs. O’Toole or Mr. Howard as soon as possible. If your extra-curricular activities are responsible, let one of us know. There is a lot of material in this course – it covers the entire Crabbe textbook. It is unsmart to miss class, but you are grownups.

MAKE-UP POLICY: An acceptable excuse must be presented to the instructor prior to missing class or a contest. If you have a problem, visit with Dr. O’Toole or Mr. Howard before the affected class period.

ACADEMIC DISHONESTY: All members of the University community, and that includes you, are responsible for upholding academic integrity. This is a matter of concern, not a private issue between instructor and student. Honesty in all academic endeavors is a component of academic integrity that is vital to the educational functions of the university. Whatever form academic dishonesty may take, the faculty considers it as establishing a student’s failure to demonstrate the acquisition of knowledge and a failure to apply it to an academic endeavor. It is a student’s responsibility to learn the standards of conduct for the performance of academic endeavors. It is an

instructor or faculty member's responsibility to make reasonable effort to make known the standards of conduct for the performance of academic endeavors. Through an atmosphere of mutual respect we enhance the value of education and maintain high standards of academic excellence. Failure on the part of the student to observe and maintain standards of academic honesty, as defined here or made known by an instructor responsible for a course or other academic endeavor, requires corrective action. If you commit an act of academic dishonesty in this class, you will be dismissed from the class with an F. Academic dishonesty is defined as: **an action attempted or performed that misrepresents one's involvement in an academic endeavor in any way, or assists another student in misrepresenting his or her involvement in an academic endeavor.** Examples of academic dishonesty include, but are not limited to: plagiarism, cheating, fraud, violation of standards, multiple submissions (using material generated in one course for another), interference or obstruction, and complicity.

University Regulation 6-802:

<http://www.uwyo.edu/generalcounsel/support/clean%20uw%20regulations/UW%20Reg%206-802.pdf>

See Academic Honesty at the UW web site:

<http://www.uwyo.edu/UW/WebDirectory/>

DISABILITY STATEMENT: If you have a physical, sensory, cognitive, or psychological disability and require accommodations, please let me know as soon as possible. You will need to register with, and provide documentation of your disability to University Disability Support Services (UDSS) in SEO, room 330 Knight Hall. You may also reach them at 766-6189, TTY: 766-3073.

	Date	Day	Lecturer	Topic	Pages in Crabbe text
1	14-Jan	Tuesday	O'Toole Howard	This course; behavior; Restraint	Ch:1; 3-18
2	16-Jan	Thursday	O'Toole	Preventative health care	Ch:2; 19-38
3	21-Jan	Tuesday	O'Toole	Equine first aid	Ch:3; 39-51
4	23-Jan	Thursday	Howard	Musculoskeletal system-1, incl. hoof	Ch:4; 55-78
5	28-Jan	Tuesday	Howard	Musculoskeletal system-2	Ch:4; 78-100
6	30-Jan	Thursday	O'Toole	GI-1, incl. colic	Ch:5; 101-116
7	4-Feb	Tuesday	N/A	Exam #1	
8	6-Feb	Thursday	O'Toole	GI-2	Ch:5; 116-122
9	11-Feb	Tuesday	O'Toole	Cardiovascular system	Ch:6; 123-134
10	13-Feb	Thursday	O'Toole	Respiratory tract - 1	Ch:7; 135-146
11	18-Feb	Tuesday	O'Toole	Respiratory tract - 2	Ch:7; 146-156
12	20-Feb	Thursday	Howard	CNS	Ch:8; 157-174
13	25-Feb	Tuesday	Howard	Reproductive tract - mare	Ch:9; 175-183
14	27-Feb	Thursday	N/A	Student presentations	N/A
15	4-March	Tuesday	N/A	Exam #2	N/A
16	6-March	Thursday	Howard	Reproductive tract - male	Ch:9; 184-192
17	11-March	Tuesday	O'Toole	Skin and cancer	Ch:10; 193-210
18	13-March	Thursday	Howard	Urinary tract	Ch:11; 211-218
	18-March	Tuesday	Spring B		
	20-March	Thursday	Spring B		
19	25-March	Tuesday	O'Toole	Endocrine system	Ch:12; 219-228
20	27-March	Thursday	N/A	Student presentations	N/A
21	1-April	Tuesday	N/A	Exam #3	N/A
22	3-April	Thursday	O'Toole	Eyes	Ch:13; 229-240
23	8-April	Tuesday	Howard	Teeth	Ch:14; 241-254
24	10-April	Thursday	O'Toole	Immune system	Ch:15; 255-265
25	15-April	Tuesday	Howard	Diseases of broodmare	Ch:16; 269-284
26	17-April	Thursday	O'Toole	Diseases of foals	Ch:17; 285-300
27	22-April	Tuesday	Howard	Diseases of performance horse	Ch:18; 301-306
28	24-April	Thursday	O'Toole	Diseases of elderly horse	Ch:19; 307-310
29	29-April	Tuesday	N/A	Student presentations	N/A
30	1-May	Thursday	O'Toole	Drugs and horses	Appendix B; 317-327
33	5-9-May	FINAL	N/A	Exam #4	

DO'T/GH January 13, 2014