

Advanced Equine Health Care and Management

11:067:398:01 (Index 08664)

**Rutgers University
Spring 2016**

**Thursdays 6 - 9 pm
Hickman Hall – #131**

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COURSE PREREQUISITES:

Horse Management (11:067:384) or equivalent course.

COURSE PURPOSE:

An in depth study of the diseases and common emergency disorders of the horse. The course will utilize the basic concepts of anatomy and physiology and apply it to the clinical situations experienced in the horse. In addition, the course will teach students how to effectively manage many of these health related situations. Topics included can be seen in the lecture outline below.

LEARNING GOALS:

By the completion of this course, the student will be able to:

A. Equine Health Care and Management

- Reinforce the basic foundation of anatomy and physiology by being presented common clinical conditions affecting specific systems of the horse.
- Recognize many of the diseases, emergency, and traumatic episodes that occur in the equine profession.
- Evaluate and assess common medical situations that affect horses. The student will then be able to determine whether a condition requires medical attention by a veterinarian.
- Recognize and manage equine disorders with which horse owners, managers, trainers, and enthusiasts should be well versed.
- Understand the basic pathogenesis, physiology, and anatomy affected by certain diseases. As a result, the student will then be able to apply this knowledge to future dealings with horses and veterinarians within the profession.

B. Oral Presentation

- Verbally express the science of evaluating, treating and managing equine disorders in a group **formal** presentation.

Note: The material in this course is designed to educate the students as to the importance of equine health care and management. In no way is this course designed to certify or license an individual in the practice veterinary medicine.

METHODOLOGY:

Lecture, discussion, assignments, video presentations, reading assignments, guest speakers, oral presentations, and written tests constitute the methods used to teach this class.

REFERENCE MATERIALS:

The Comprehensive Guide to Equine Veterinary Medicine, Crabbe, B, 2007, Sterling.

METHOD OF EVALUATION:

Exam 1.....	25%
Exam 2.....	25%
Final Exam.....	25%
Oral Presentation.....	25%

Grading Scale:

90-100	A	70-74	C
85-89	B+	60-69	D
80-84	B	59 or below	F
75-79	C+		

LECTURE OUTLINE:

Week 1	Orientation, Normal for Horses
Week 2	Cardiovascular System
Week 3	Respiratory System, Choke, Lymphatic System
Week 4	
Week 6	Exam #1, Presentation Groups & Topics Due
Week 7	Gastrointestinal System
Week 8	Integumentary System
Week 9	Musculoskeletal System
Week 10	Spring Recess
Week 11	Group Presentations
Week 12	Group Presentations
Week 13	
Week 14	Exam #2
Week 15	Ophthalmic System
Week 16	Reproductive System
Week 17	Reading Day
Week 18	Final Examination

ORAL PRESENTATIONS:

Each student will be required to perform an oral presentation on a topic involving equine health. The presentations will be formal in its format and style. Attached is a copy of the evaluation form which outlines how the student will be graded for the presentation. The presentations will be performed in groups of 3 (unless otherwise specified by the instructor) which each individual student can determine. All topics and groups must be approved by the instructor and are due according to the syllabus outline.

ATTENDANCE POLICY:

This is the beginning of professional career development, including dependability and reliability. Therefore all students are expected to attend all classes and attend on time. In the event of an absence, professional courtesy dictates that the instructor must be notified prior to class. In situations of unanticipated and unavoidable absences, the instructor must be notified in person, by telephone, or by electronic mail within 24 hours of the class. Students should also extend the same courtesy if they anticipate being late to a class. Three (3) unexcused absences will result in an automatic "F" in the course. In extenuating circumstances, allowances may be made at the discretion of the instructor. Regardless of the nature of the absence, students are responsible for all work and material.

MAKE-UP EXAMINATION POLICY:

The premise of making-up the examination or presentation is highly discouraged and at the discretion of the instructor. The make-up exam policy adheres to the same protocols of the attendance policy. The make-up exam may be oral in format. Any oral presentation given late will receive a reduced grade.

LAPTOPS/TABLETS:

Laptops/tablets are not required for use during regular class hours. Usage of a laptop/tablet should not be distracting to their neighboring classmates, the instructor, or the class as a whole. The instructor reserves the right to request a student to discontinue usage of their laptop/tablet. Students with special needs may discuss their concerns with the instructor prior to the class.

ELECTRONIC DEVICES:

All cell phones, pagers, or other electronic devices must be silenced upon entering the class. If a student is expecting an emergency call, he/she must inform the instructor prior to class. In such circumstances, the electronic device must remain on the vibrate setting. Texting during class is not allowed.

Evaluation of Presentation

Pre-Presentation Preparation/Organization (10%)		
Professional Attire (10%)		
Knowledge of Topic (20%)		
Presentation Material (30%) Organization (6%) Concise (6%) Grammar (6%) Spelling (6%) Reference/citation (6%)		
Public Speaking Ability (30%) Engagement of Audience (6%) Ability to Avoiding Reading (6%) Avoid Distracting Terms/Mannerisms (6%) Speed of Speech/Timeliness (6%) Fluency (6%)		
Total		