

**ANSI 3422
HORSE PRODUCTION & MANAGEMENT
FALL 2008**

INSTRUCTOR: Dr. Steven Cooper

OFFICE: 109b Animal Science Bldg.

PHONE: 744-6065

OFFICE HOURS: Tuesday and Thursday, 10:00-12:00 or by appointment

LECTURE MEETS: Tuesday and Thursday, 9:00-9:50 a.m., ANSI 124

TEACHING ASSISTANT: Lindsay Sims, ANSI 202, 744-7066

COURSE OBJECTIVES

1. Based on information provided in lecture, students will gain insight into the size, scope and economic impact of the horse industry on a local, state and national level as well as the opportunities and needs of the industry.
2. Students will be able to identify major breeds of horses and traits important to each breed as well as general evaluation of conformation and its relationship to performance.
3. From material presented in lecture, students will develop a scientific approach to the care and management of individual horses and horse herds and be able to formulate a complete health program.
4. From material presented in lecture, students will be able to determine the nutritional needs of different classes of horses and develop a scientific approach to meeting those needs based on the digestive physiology and behavioral characteristics of horses.
5. Based on material presented in lectures, students will be able to evaluate both natural and artificial breeding programs based on the management and labor requirements of each system and be able to identify the advantages and limitations of each.
6. Based on the principles of exercise physiology, students will be able to formulate a training program for horses beginning their weaning year and continuing through the advanced stages of training that will maximize the horses athletic potential.

To meet the objectives previously stated, the following is a tentative course outline. This schedule is subject to change in order to accommodate guest lectures or improve the content or continuity of the course.

LECTURES

<u>Date</u>	<u>Topic</u>
8/19	Course Introduction
8/21	The Horse Industry
8/26	Breeds of Horses and Their Uses
8/28	Genetics in the Horse
9/2	Principles of Behavior
9/4	Principles of Training
9/9	The “Normal” Horse
9/11	Common Diseases and Vaccinations
9/16	Internal Parasites and Deworming Programs
9/18	Unsoundness, Blemishes and Treatments
9/23	EXAM I
9/25	Foaling and Foal Care
9/30	Foaling and Foal Care cont.
10/2	Reproduction, The Mare
10/7	Reproduction, The Mare
10/9	Reproduction, Estrous Cycle Manipulation
10/14	Reproduction, The Stallion
10/16	Mating Systems
10/21	EXAM II
10/23	The Nutrients
10/28	Gastrointestinal Physiology
10/30	Feeds and Feeding Management
11/4	Nutrient Requirements of Horses
11/6	Feed Additives
11/11	Economics of Feeding
11/13	Diet Analysis and Ration Formulation
11/18	Diet Analysis and Ration Formulation
11/20	EXAM III
11/25	Concepts in Exercise Physiology
11/27	THANKSGIVING
12/2	Concepts in Exercise Physiology
12/4	Anatomy and Function of the Foot
12/09	FINAL EXAM --- 8:00 – 9:50 A.M.

Lecture Manual: **Required – Available on-line at www.oc.okstate.edu**

Exams: Exams will be largely objective with a mixture of multiple choice, fill in the blank, matching, true/false and short answer. Exams will cover material discussed in class and any additional assigned reading. **If an exam is missed for an excused absence and you cannot make-up the exam prior to that exam being returned to the class, then the grade on the final will take the place of the missing exam grade. If notification is not received prior to or the day of concerning missed exams, then no make-up exam will be given.**

Weekly Quizzes: In an effort to encourage class attendance and participation, ten (10) quizzes will be given in weeks when major exams are not scheduled. The quizzes may either be Tuesday or Thursday at the discretion of the instructor. The quizzes will cover material discussed in lecture up to that point in the course. Each quiz will consist of ten (10) objective questions worth one (1) point each. At the end of the semester, the eight (8) best quizzes will be averaged to determine that portion of the student's final grade. **No make-up quizzes will be given for any reason.**

Grading:	Exam I	20%
	Exam II	20%
	Exam III	20%
	Final Exam	20%
	Weekly Quizzes	20%

Letter grades will be assigned according to the following standards:

- A= 90% or above
- B= 80-89%
- C= 70-79%
- D= 60-69%
- F= 59% or below

Extra Credit: If for some reason the grade on Exam I, II or III is below the class average, students may write **one** referenced paper on a topic mutually agreed upon by the student and the instructor. The paper will be 10 type written pages, doubled spaced, with a minimum of 10 scientifically based references. If satisfactory, the grade for that exam may be raised to the class average.

Attendance: Attendance is strongly encouraged. Students are responsible for all work in the course. Authorization may be granted to make up missed work, except weekly quizzes (students are allowed to count their best 8) in case of sickness, death in the family or other necessary circumstances, provided adequate documentation is provided by the student. All students will take all examinations on the announced dates. No make-up exams will be given except in case of sickness, death in the family or other emergency. In those cases students must notify the instructor prior to the scheduled exam and present requested verification.

IMPORTANT POINTS TO REMEMBER:

1. You are expected to participate in class discussion.

Lecture outline will be provided.

2. Any information covered in class will be covered on the exams.

Take good notes.

Participate in class discussion.

Attend class regularly.

3. NO hats/caps and NO cell phones in class.