Topics in Agricultural Economics: Equine Marketing

Semester: Fall, 2014

Schedule: Wednesday, 5:00---7:30 p.m.

Location: Agricultural Science Building North, Room N-12

Course description: Marketing is an essential function of any business enterprise, including both for-profit businesses and non-profit organizations whose primary functions are typically the promotion of an industry, profession, or policy view.

The equine industry is global in scope, but almost exclusively made up of thousands of small businesses and organizations, each of them offering a variety of products, services, events, or activities to sell or promote to industry participants and/or to a wider audience. The purpose of this course is to affirm the basic principles of marketing in a dynamic, ever-changing marketplace while applying those principles to specific equine entities and activities.

Students will be introduced to marketing strategy, planning, budgeting, research, product development, pricing, branding, communications, and promotions, with applications specific to the equine industry. Lectures will be supplemented with readings, case studies, and guest lectures by industry professionals with marketing backgrounds and experience.

Professor: Timothy Capps, Equine Industry Program, University of Louisville
Phone numbers: 502-852-4846 (office); 410-598-9923 (cell)
E-mail addresses: ttcapp01@louisville.edu; timothy_capps@yahoo.com

Office hours: I am in my office at UofL all day every week day, and will be readily available by phone or e-mail. If you wish to meet in person, I will schedule time with you before or after class to talk. I want to maintain maximum accessibility to you, so please feel free to contact me as you wish. The only time I won’t respond is if I am out running in early morning (5:30ish) or in the shower, both of which occur daily.

Class materials: You will receive outlines for each lecture, and periodic readings and case study/scenario handouts; there is NO textbook requirement for this course. Bring to class a functioning brain and a writing instrument, and you should be in good shape.

General course objective: To acquaint students with general marketing principles and practices, and to relate those to equine industry businesses and activities.

Course learning goals:

Upon completion of this course a student should be:

- Versed in fundamental marketing concepts and principles
- Capable of assessing marketing issues, needs, and opportunities
• Able to devise marketing plans, including the use of marketing communications tools and techniques
• Knowledgeable of basic market research applications, and methods to employ them
• Aware of equine industry consumer characteristics and marketing practices

Learning activities:
• Lectures: lecture and discussion will be the primary means of instruction in the course, and student participation in class through questions, observations, and downright argument is encouraged, and will benefit your grade!
• Scenarios/case studies: some class periods will be entirely or partially devoted to discussion based on “real-world” industry scenarios that students will be asked to read, analyze, and arrive at solutions, often in informal group settings; these will be based on content presented in prior class meetings or readings.
• Marketing project: each student will be required to develop and present a marketing plan for an equine enterprise, organization, event, or activity of the student’s choice, subject to instructor approval. During the course, there will be ample discussion of the marketing planning process, including the elements of marketing plans, with templates and samples provided.
  o Deadlines:
    ▪ September 17th: subject of your marketing plan is due
    ▪ October 22nd: an outline explaining the student’s thinking and progress is due
    ▪ December 3rd: the final plan is due
• Students may work in two-person teams, with the final project grade being identical for each student on the team

Learning evaluations:
• Examinations: there will be two (2) “hour” exams, plus a final exam, which will be comprehensive; questions on the exams will come entirely from lectures, including outlines and readings, and you will be provided with a study guide prior to each exam
• Marketing plan: as noted above, students will be responsible for submitting a marketing plan for an equine business, event, or activity, which will be graded on the same basis as an hour exam (see grading information below)
• Class participation: a vital part of class participation is BEING THERE, attending, which is mandatory in this class, with no more than TWO (2) UNEXCUSED absences permitted without a grade penalty. Students’ final grades may also include credit for active participation in class discussions---the bottom line: you help yourself by being here and getting involved in class discussion and debate and you hurt yourself by being absent. Since we only meet once a week, missing class is like missing two sessions of another three-hour course.
Grading: (an unfortunate by necessary by-product of the college experience)

Components

- Exam I: 20%
- Exam II: 20%
- Marketing plan: 20%
- Class attendance and participation: 15%
- Final exam: 25%

Final average and grades:

- 59% or below: E 0.0 (don’t do this to your family)
- 60% through 69%: D 1.0 (transfer to Morehead immediately)
- 70% through 79%: C 2.0 (Dean’s list at Auburn)
- 80% through 89%: B 3.0 (a high-end C)
- 90% and above: A 4.0 (get a t-shirt saying I AM THE ONE)

Students with disabilities:

Early in the semester, students with disabilities should provide the instructor with a letter from the UK Disability Resource Center that certifies the need for exam or classroom accommodations. It is the student’s responsibility to register with the DRC, who will verify the disability and need for accommodations. For additional information contact the DRC at http://www.uky.edu/StudentAffairs/DisabilityResourceCenter.

Classroom schedule:

08/27 Wednesday Course introduction (ceremonial reading of the syllabus)/ why marketing matters, or does it?

09/03 Wednesday LAST DAY TO ADD CLASSES

09/03 Wednesday Defining the marketplace/marketing creation (being “disruptive”)

09/10 Wednesday Marketing communications/How not to do it!

09/17 Wednesday LAST DAY TO DROP CLASSES

09/17 Wednesday Are horses different?/marketing planning/TBA

09/24 Wednesday Marketing horse racing/the organizational players (miasma?)

10/01 Wednesday Race track marketing/TBA

10/08 Wednesday EXAM I
10/15 Wednesday  Event development/event marketing
10/22 Wednesday  Event marketing/market development programs
10/29 Wednesday  Stallion marketing/the auction market
11/05 Wednesday  Association marketing/facilities marketing/TBA
11/12 Wednesday  EXAM II
11/19 Wednesday  Small business marketing/market research

11/26 through 11/30  **Turkey Day Holidays**  (if you have nowhere to go, we can have an optional class at Shakespeare’s on the 26th!)

12/03 Wednesday  Marketing presentations/MARKETING PLAN DUE!!!
12/10 Wednesday  Research presentations (last day of class---tears will be shed)

What is a TBA? These are class sessions when we will utilize scenarios based on horse industry situations that will be based on materials we have been discussing in class, and will provide you with an opportunity to analyze issues and problems with the goal of arriving at possible solutions (and making yourself look really good to your professor).

**FINAL EXAM:** Friday, December 19th, 3:30---6:00 p.m.

Never let a question go unasked!!!
COURSE SYLLABUS AEC 302
AGRICULTURAL MANAGEMENT PRINCIPLES Spring 2012

COURSE DESCRIPTION: A comprehensive study of economic principles and management tools useful in farm and agribusiness decision making. Utilizes a systems approach to the planning, implementation, and control of the agricultural business. Specific attention to application of management and decision theory, economic principles used in decision making, and risk management strategies. Emphasis on planning the future course of the business, acquiring and managing the necessary resources, and establishing physical and financial control over the business. Lab incorporates microeconomic applications of management principles developed in lectures. (4 credit hours)

PREREQUISITES: ECO 201

PROFESSOR: Steve Isaacs 303 Barnhart Building
Phone: 257-7255 sisaacs@uky.edu

TEACHING ASSISTANT: Laura Powers 414 Barnhart Building
Phone: 257-7272 x281 laura.powers@uky.edu

LAB ASSISTANTS: Kati Miller, Hannah Shear

OFFICE HOURS: By appointment and at any other times I’m in the office excluding Tue and Thur AM. My Extension work schedule keeps me out of the office a good bit so calling before you come by would be a good idea.

CLASS SCHEDULE: Sec 001/2/3 Lecture: AGN A7, T/R 11:00am - 12:15pm
Sec 001 Lab: CEBA 246, Thursday 1:00 - 2:50pm
Sec 002 Lab: CEBA 246, Thursday 3:00 - 4:50pm
Sec 003 Lab: CEBA 246, Friday 11:00am - 12:50pm

Rosenberg, et al., Ag Help Wanted: Guidelines for Managing Agricultural Labor

REQUIRED EQUIPMENT: A four-function calculator will be provided for use during exams. Personal calculators or any other electronic devices are prohibited during exams.

OTHER RESOURCES:
• AEC 302 website https://elearning.uky.edu/
• This class will utilize a Blackboard website. Class materials, announcements, assignments, and course information will be distributed on Bb. Submission of most assignments will be via Bb. All students must have an Active Directory (AD) account and current password.
• Our out-of-class communication will be by email through the Bb site. It is imperative that you use your UK email account. Check email and the Bb site regularly for announcements, lecture materials, and assignments.
• The course grade book will be maintained on the Bb site. You will have private access to your grades at any time during the semester.
• UK Writing Center wrd.as.uky.edu/writing-center
• Additional reference and reading material (including Internet links) will be distributed periodically.
GENERAL OBJECTIVE: To apply general economic principles to the practices, problems, and opportunities of agricultural management

LEARNING OBJECTIVES:

- To develop a systematic approach to strategic planning, decision making and problem solving in a face-paced environment.
- To review and apply economic principles to make optimization decisions.
- To develop and apply budgeting procedures used to plan the business.
- To understand and apply the financial and production records necessary for evaluation and control of the business.
- To understand the acquisition and management of the human resources needed to operate in the business.

LEARNING ACTIVITIES:

- Lectures - Tuesday and Thursday morning class periods will be devoted to lecture/discussion format. Good questions and pertinent discussion points are encouraged.
- Labs - Thursday afternoon and Friday morning class periods will be devoted to computer lab exercises and special topics. We will meet in CEBA 246 for all lab sections.
- Project - A class project will be required. Students have the option of working independently or in two-person teams. While the format and topic will vary from project to project, students will be expected to apply appropriate management principles and budgeting tools to a realistic management problem. Written and electronic proposals and final drafts will be submitted. To ensure compatibility with lab and classroom software the use of MS Office is required.

CLASS DIRECTORY:

The Blackboard site will include a class directory. Only AEC 302 students will have access to this directory. A photo and name are the only information included in this directory.
LEARNING EVALUATIONS: Total course points: 1000

- **Examinations (650 points – 65%)**
  Four exams will be administered. Three subject matter exams (including a comprehensive final) and a lab exam will be given on the following dates:
  - EXAM I 150 points Tuesday, **February 21** in Seay Auditorium
  - EXAM II 200 points Tuesday, **April 3** in Seay Auditorium
  - LAB EXAM 100 points Thursday, **April 12** & Friday **April 13** in split lab sections
  - FINAL EXAM 200 points Thursday, **May 3** at 1:00 pm in Seay Auditorium
  Make-up exams will be given only for excused absences, and the student is responsible for scheduling the make-up exam prior to or within one week of the absence. Unexcused absences will result in scores of ZERO for that exam.

- **Attendance (Bonus/Penalty Points)**
  Class attendance and participation are keys to learning. Lecture attendance will be determined by completion of in-class problems, quizzes, or writing assignments. Lab attendance will be determined by completion of lab exercises. An absence is defined as arriving to class more than five minutes late, leaving early, leaving class and returning during class, or not showing up at all. Absences will be excused for serious illness, illness or death of a family member, University related trips, major religious holidays, and other circumstances found to be reasonable cause for nonattendance (UK Faculty Senate Rules 5.2.4.2).
  Requests for excused absences must be e-mailed to Dr. Isaacs prior to, or within one week following, the absence. You will receive a reply e-mail indicating whether or not the absence is excused. Each unexcused absence will reduce the student's course grade by 10 course points.

  Class attendance is taken very seriously, as is attendance in the workplace. Therefore, to reward perfect or near-perfect attendance and to penalize unexcused absences, the following policy is in place:

  Attendance scoring is based on a +1/0/-10 policy. Each lecture will have an attendance assignment or quiz. For the correct answer, you will receive 1 point. For a wrong answer, no points are deducted or added. For each unexcused absence, 10 points will be deducted. At the end of the semester, 20 points will be added to every student’s grade. If you have no unexcused absences, this will represent 20 bonus points for perfect attendance. If you have only one unexcused absence, you will receive 10 bonus points. If you have two unexcused absences, your final score will not change. If you have more than two unexcused absences, your final grade will be reduced by 10 points for each additional unexcused absence. Points for all correct answer attendance assignments will also be added to the final grade.

- **Lab Exercises (150 points - 15%)**
  Each lab exercise is worth 10 points. Lab exercises will generally be completed the day of the lab. Three exercises will involve outside reading and reporting. Lab makeups allowed for excused absences only.

- **Project (200 points - 20%)**
  A project proposal (80 points) is due at 11:00 AM, Tuesday, **March 6**. Written project reports (120 points) are due at 11:00 AM, Tuesday, **April 10**. Late proposals or reports will be penalized 10% of their value for each day (or part thereof) late. Half of the graded projects will be returned Tuesday, April 17 for the oral presentations on April 19/20. The remainder will be returned on April 24 with presentations on April 26/27. If the oral presentation adequately addresses deficiencies noted on the written report you may earn up to a maximum of 20 remedial points. Attendance is required for both oral presentation dates. Failure to attend presentation sessions will result in a 20 point penalty on your project for each absence.
• **Communication Skills** - All learning evaluation activities will be assigned a numeric score. Grades may be reported with a content score and a communications score. For example, a 190/-10 would yield 180 points. The content grade is 190 with a 10 point penalty for writing or communications problems. The range of the communications score will be 0 to -20 with 0 representing no penalty and 20 representing the maximum penalty. Any assignment (except for the final exam) penalized for writing or communications deficiencies may be rewritten and resubmitted to raise grades lowered for writing problems. Content grades will not be affected by rewriting. If this is a persistent problem, seek help at the UK Writing Center.

• **Grading** - Learning evaluation scores will be totaled to determine the final numerical course grade. Letter grades will be assigned according to the scale below. Cumulative grades will be available at any time on the Blackboard Grade Center.

900 to 1000 = A  
800 to 899 = B  
700 to 799 = C  
600 to 699 = D  
< 600 = E

Teaching assistant Laura Powers will keep track of attendance records and all other grade information. Inquires should be directed to her.

• **Extra Credit** - Not Available.

• **Electronic Communication Devices** – Electronic communications devices are permitted in lectures and labs as long as they are not a distraction to the teaching staff or your peers. However, any instruction missed due to inattention resulting from use of electronic devices WILL NOT be repeated. This policy is a departure from standard procedures and is subject to review and revision if the policy is abused. **NOTE:** Visible presence of electronic communication devices during exams will be considered evidence of cheating.

• **Cheating and Plagiarism** – **Such behavior is intolerable.** Students found guilty of these offenses will be punished to the fullest extent, given the penalties outlined in *Student Rights and Responsibilities* §6.4.0. The MINIMUM punishment for either of these offenses in AEC 302 is an "E" in the course.

• **Students with Disabilities** - Early in the semester, students with disabilities should provide the instructor with a letter from the UK Disability Resource Center that certifies the need for exam or classroom accommodations. It is the student's responsibility to register with the DRC who will verify the disability and need for accommodations. For additional information, contact the DRC at [http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/](http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/).

• **Additional Information** related to policies for excused absences, cheating, plagiarism, withdrawal, incompletes, exams, and grading can be found in *Student Rights and Responsibilities* [www.uky.edu/StudentAffairs/Code/](http://www.uky.edu/StudentAffairs/Code/) and *University of Kentucky Bulletin 2011-2012* [www.uky.edu/Registrar/Bulletin.htm](http://www.uky.edu/Registrar/Bulletin.htm).
SYLLABUS
AEC-325 – EQUINE LAW
Spring 2012

Professor: Walter S. Robertson
Stites & Harbison, PLLC
250 West Main Street, Suite 2300
Lexington, Kentucky 40507
859-226-2354 (direct phone)
859-425-7978 (direct fax)
wrobertson@stites.com

Assistant: Connie Dishong
859-226-2312 (direct phone)
cdishong@stites.com

Office hours: By appointment. Students are encouraged to call or e-mail me with questions, concerns or comments. In addition, I will make every effort to be available prior to each class and following each class and by appointment.

Reading Materials: Materials are available for copy at Johnny Print. Various additional materials will be emailed or hand delivered during class as needed.

Class Schedule: Wednesday at 5:00 p.m. to 7:30 p.m., Room N-12, Ag North Building

Attendance: Attendance is mandatory. Following any student’s second unexcused absence, such student’s final grade will be reduced by 5% for each additional unexcused absence. Students will be responsible for signing the roll sheet each day at the beginning of class. It is the student’s sole responsibility to sign the roll and should the student fail to sign the roll for any reason, such student will be marked absent. Excused absences will be awarded only in accordance with University guidelines.

Class Participation/Quizzes: Students are expected to attend class prepared to discuss the reading assignments. Students will be called upon at random to discuss reading assignments. In addition, quizzes will be given during the semester in accordance with the Outline which will amount to 15% of the final grade. Class Participation will account for 10% of the final grade.
Learning Outcomes: Students will be able to identify the basic legal principles in contract law, the Commerce Clause, and negligence; summarize the difference between trespass and nuisance in property law; describe how equine liability statutes apply in Kentucky; be able to identify the essential elements of boarding agreements, private sales compared to auction sales, and the case law for sale fraud. Upon completion of the course, students are not expected to be ready to practice law or be experts in the study of law, but are expected to be able to recognize situations where a lawyer is or should be needed.

Grading: Grades will be based on a 100 point scale.
Mid Term exam 35%
Final exam 40%
Quizzes 15%
Class participation 10%

90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = E

Mid-Term Exam: The Mid-Term Exam will be a closed book, in class exam given pursuant to the schedule. Professor reserves the right to change the exam based on course requirements or at a different time than is set forth on the schedule.

Final Exam: The Final Exam will be a comprehensive exam delivered in accordance with University Policy and at times allotted by the University during Finals Week.

Academic Integrity: Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: plagiarism, utilization of unauthorized materials during academic evaluations, and giving or receiving unauthorized assistance during examinations. You may also want to read the paper, “Plagiarism: What is it?” on the website for the Academic Ombud (www.uky.edu/Ombud) Penalties for academic dishonesty vary depending on the severity of the offense and any previous offenses. The minimum penalty for a first offense is a zero on the assignment in question. Depending on the severity of the infraction, an assignment of extra course work, a course grade reduction, or the assignment of an E or XE grade for the course may be imposed. For further information and details, see Part II, Section 6.3.0 of “The Code of Student Conduct” which can be viewed online at www.uky.edu/StudentAffairs/Code/part2.html
Special Notice:

1. **Scheduled Readings** – Students must be aware that for various reasons class topics, lectures and discussions may not fall on exact syllabus date and **student is responsible for tracking class progress and being prepared for class**. The reading materials may be altered, deleted, added or changed at the discretion of Professor. Students will be given timely notice of changes in the lecture schedule or reading materials via in-class announcements and/or email.

2. **Teachable Moments** – Professor reserves right to digress from schedule for special topic or subject for discussion that he feels, in his sole discretion, will illustrate a specific point of view or add to the students’ overall education regarding equine law.
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   A. Basic Legal Principals
      1. Torts
      2. Contracts
   B. Sources of Laws
      1. Constitution
      2. Statutes
      3. Case Law
   C. Basic Procedure Principals
         a. District Court
            (i) Federal Question
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         b. Appellate Court
         c. Supreme Court
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         c. Kentucky Appellate Court
         d. Kentucky Supreme Court
   D. Identifying Equine Law Issues

II. Elements of Negligence

III. Landowners
   A. Invitees v. Licensees
   B. Trespassers
      1. KRS 381.231 (pg. 36)
      2. KRS 381.232 (pg. 37)
C. Attractive Nuisance Doctrine
   1. *North Hardin Developers, Inc. v. Corkran*, 839 S.W.2d 258 (Ky. 1992) (pg. 38-42)

D. Loose Horses
   1. KRS 259.210 (pg. 43)
   2. KRS 446.010 (pg. 44-46)
   5. *Campbell v. White*, 357 S.W.2d 849 (Ky. App. 1962) (pg. 51)

IV. Equine Liability Statutes
   A. Accident Cases

   B. Kentucky Equine Liability Statutes
      1. KRS 247.401 (pg. 66)
      2. KRS 247.4013 (pg. 67)
      3. KRS 247.4015 (pg. 68-69)
      4. KRS 247.4019 (pg. 70)
      5. KRS 247.402 (pg. 71-72)
      6. KRS 247.4025 (pg. 73)
      7. KRS 247.4027 (pg. 74-75)
      8. KRS 247.4029 (pg. 76)

   C. Equine Liability Statute Cases
      5. *Markowitz v Bainbridge Equestrian Center, Inc.*, 2007 Oh Ap LEXIS 1411 (pg. 117-129)
V. Waivers and Releases
   5. Reardon v. Windswept Farm, LLC, 2005 WL 896018 (Ct. 2006) (pg. 207-216)

VI. Constitution/Slaughterhouses
   A. Commerce Clause
      1. Article I, Section 8 (pg. 222-230)
   B. Illinois
      1. 225 ILCS 635/1.5 (pg. 250)
      2. Cavel International Inc. v. Madigan, 500 F.3d 551 (7th Cir. 2007) (pg. 251-265)
   C. Texas
      1. Empacadora de Carnes de Fresnillo v. Curry, 476 F.3d 326 (5th Cir 2007) (pg. 266_______)

VII. Liens
    A. KRS Statutory Liens
       1. KRS 376.400 (pg. 281-282)
       2. KRS 376.410 (pg. 283)
       3. KRS 376.420 (pg. 284)
       4. KRS 376.470 (pg. 285)
    B. Uniform Commercial Code (pg. 288-293)
       1. KRS 355.9-102 (pg. 294-305)
       2. KRS 355.9-108 (pg. 306)
       3. KRS 355.9-109 (pg. 307-308)
       4. KRS 355.9-201 (pg. 309)
       5. KRS 355.9-203 (pg. 310-311)
       6. KRS 355.9-204 (pg. 312)
       7. KRS 355.9-205 (pg. 313)
       8. KRS 355.9-308 (pg. 314)
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11. KRS 355.9-312 (pg. 317-318)
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17. KRS 355.9-320 (pg. 326)
18. KRS 355.9-322 (pg. 327-328)
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20. KRS 355.9-502 (pg. 330)
21. KRS 355.9-503 (pg. 331)
22. KRS 355.9-504 (pg. 332)

C. Enforceability of Liens
1. KRS 355.9-601 (pg. 333)
2. KRS 355.9-606 (pg. 334)
3. KRS 355.9-607 (pg. 335)
4. KRS 355.9-608 (pg. 336)
5. KRS 355.9-609 (pg. 337)
6. KRS 355.9-610 (pg. 338)
7. KRS 355.9-611 (pg. 339-340)
8. KRS 355.9-612 (pg. 341)

VIII. Business Entities

A. Choice of Entity

B. Asset Protection

C. Fiduciary Duties
2. *Marsh v. Gentry*, 642 S.W.2d 574 (Ky. 1982) (pg. 444-449)

IX. **Private Sales of Horses**

A. **Drafting Requirements**

1. **Uniform Commercial Code**
   a. KRS 355.1-103 (pg. 465)
   b. KRS 355.2-105 (pg. 466)
   c. KRS 355.2-201 (pg. 467)
   d. KRS 355.2-202 (pg. 468)
   e. KRS 355.2-204 (pg. 469)
   f. KRS 355.2-209 (pg. 470)
   g. KRS 355.2-305 (pg. 471)
   h. KRS 355.2-312 (pg. 472)
   i. KRS 355.2-313 (pg. 473)
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   l. KRS 355.2-316 (pg. 476)
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   o. KRS 355.2-402 (pg. 479)
   p. KRS 355.2-509 (pg. 480)
   q. KRS 355.2-513 (pg. 481)
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   s. KRS 355.2-718 (pg. 483)
   t. KRS 355.2-719 (pg. 484)
   u. KRS 355.2-725 (pg. 485)
   v. KRS 446.060 (pg. 486)

B. **Contract Interpretation**


X. **Public Sales of Horses**

A. **Uniform Commercial Code**

1. KRS 355.2-328 (pg. 514)

B. **Terms and Conditions of Sale**

1. 2012 Keeneland January Horses of All Ages Sale Conditions of Sale (pg. 515-537)

C. **Transfer of Title**
D. Recent Issues Regarding Public Sales
   1. Dual Agency Legislation
      a. KRS 230-357 (pg. 538-539)
   2. Proposed Legislation
      a. 2007 Kentucky HB 388 (pg. 540-543)
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XI. Tax
   A. Federal Income Tax
      1. U.S. Treasury Regulations Title 26 Chapter 1.183 (pg. 556-566)
      2. U.S. Treasury Regulations Title 26 Chapter 1.469 (pg. 567-588)
   B. State Sales Tax
      1. KRS 139.200 (pg. 589)
      2. KRS 139.310 (pg. 590)
      3. KRS 139.531 (pg. 591)
      4. 103 KAR 30:235 (pg. 592)

XII. Defamation
   A. Kentucky Law
   B. Recent Cases in the Horse Industry
      1. Biancone v. Strawbridge, Case Number BC474976, Superior Court of California, Los Angeles County, Central District, filed December 9, 2011 (pg. 622-633)
      2. Pegram v. Jamgotchian, Case Number 11-CV-0383, Ninth District Court of Nevada, Douglas County, filed December 22, 2011 (pg. 634-645)
      3. The Thoroughbred Retirement Foundation v. Terry, Case Number 150012/2012, Supreme Court of New York New York County, filed January 5, 2012 (pg. 646-664)

XIII. Employees
   A. Immigration
   B. Various Liability Issues
   C. Workers Compensation
INTRODUCTION

Instructor: William J. Silvia
409 W.P. Garrigus Bldg
257-7545
wsilvia@uky.edu

Instructor: Mary G. Rossano
611 W.P. Garrigus Bldg
257-7552
mary.rossano@uky.edu

Graduate Teaching Assistant:
Tatijana Fisher
E-mail: tatijana.fisher@uky.edu
Office: 603 W.P. Garrigus Bldg

Course Description: The first in a sequence of two courses providing an introduction to the subject of animal science. Emphasis is placed on a fundamental understanding of anatomy, physiology, nutrition, reproduction, genetics and behavior of domestic animals.

Learning Objectives: After completing this course, students should:
1) understand how domestic animals provide tangible (ex. food, fiber) and intangible products (ex. companionship) that are valuable to humans.
2) understand the biological principles that provide the basis for effective and efficient care and husbandry of domestic animals.

Grading:
1) Two 1-h exams (100 pts each) 200 pts.
2) Lab Practical Exam 100 pts.
3) Cumulative Final Exam 150 pts.
4) In-class clicker questions/attendance 50 pts.
5) 7 homework assignments (10 pts each) 70 pts.
6) 8 laboratory work sheets (10 pts each) 80 pts.
7) participation 50 pts.

TOTAL 700 pts.

A final grade will be assigned based on the percentage of total points accumulated throughout the course: A = 90 and above, B = 80-89.9, C = 70-79.9, D = 60-69.9, E = less than 60

Exams and quizzes must be taken at the time administered unless a valid university excuse is provided (see UK governing regulations for the definition of a valid university excuse or if you have any questions). Failure to abide by these regulations will result in a grade of 0 for that quiz or test.

Required Text: WJ Silvia, Domestic Animal Biology (1st edition)
Either of the following textbooks would be a good supplemental source of information: Taylor and Field. Scientific Farm Animal Production (7th ed) Gillespie. Animal Science (1st ed).
SYLLABUS

Introduction
  What is Animal Science?
  Efficiency and quality
  Scope of the Animal Industries in Kentucky and the USA
  Taxonomic classification of domestic species
  Phylogenetics and evolution of domestic species

Man’s relationship to animals
  Domestication
  How man uses animals today
  Nutrients
  Animal food products in human nutrition
  The role of animals in the human food chain
  Efficiency of nutrient utilization

The biology of domestic animals
  Anatomy
    Skeletal Anatomy
    External body parts
    Wholesale cuts of meat
  Reproduction
    Lactation
  Behavior
  Animal Nutrition
    Simple stomached animals
    Ruminants
  Metabolism
  Growth
  Genetics and Breeding

First Exam: Thurs. Oct. 3, 8:00 AM
Second Exam: Thurs. Nov. 7, 8:00 AM
Final: Thurs. Dec. 19, 10:30 AM
<table>
<thead>
<tr>
<th>Lab Session</th>
<th>Date</th>
<th>Topic</th>
<th>Exercise</th>
<th>location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sept. 3-6</td>
<td></td>
<td>CCTST</td>
<td>Seay Aud.</td>
</tr>
<tr>
<td>2</td>
<td>Sept. 10-13</td>
<td>Keeneland September Yearling Sales</td>
<td>Tour sales pavilion, barns and track</td>
<td>Keeneland</td>
</tr>
<tr>
<td>3</td>
<td>Sept. 17-20</td>
<td>Animal Food Products/Meats</td>
<td>Meat plant tour</td>
<td>Purnell’s Sausage Plant</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Animal Food Products/Dairy Foods</td>
<td>Dairy plant tour</td>
<td>Winchester Farms</td>
</tr>
<tr>
<td>4</td>
<td>Sept. 24-27</td>
<td>Introduction to Animal Feedstuffs</td>
<td>Feed identification and processing</td>
<td>TBA</td>
</tr>
<tr>
<td>5</td>
<td>Oct. 1-4/</td>
<td>Skeletal Anatomy</td>
<td>Examination of skeletons and other materials</td>
<td>N-11 Agr. North</td>
</tr>
<tr>
<td></td>
<td>Oct. 8-11</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Oct. 22-25</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Oct. 29-Nov.1</td>
<td>Animal Behavior</td>
<td>Feeding, Breeding, Maternal</td>
<td>Woodford Cty Sheep Unit</td>
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<tr>
<td>8</td>
<td>Nov. 5-8/</td>
<td>Animal Reproductive System</td>
<td>Dissection of Reproductive Tracts</td>
<td>N-11 Agr. North</td>
</tr>
<tr>
<td></td>
<td>Nov. 12-15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Nov. 19-22/</td>
<td>Anatomy and Embryology of Chickens</td>
<td>Dissection of Chickens and Eggs</td>
<td>N-11 Agr. North</td>
</tr>
<tr>
<td></td>
<td>Dec. 3-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Dec. 4, 5, 6, 7</td>
<td>Laboratory Practical Exam</td>
<td></td>
<td>N-11 Agr. North</td>
</tr>
</tbody>
</table>
Lecture Assignments

**Homework:**
1. Agriculture in Kentucky
3. Nutrient Composition of Foods
7. Genetics

Laboratory Assignments

<table>
<thead>
<tr>
<th>Session</th>
<th>Topic</th>
<th>Worksheet</th>
<th>Homework Assigned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction, assessment testing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Keeneland Tour/ Horse sales</td>
<td>2. Keeneland</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Animal Food Products/ Meat or Dairy foods</td>
<td>3a. Meat Plant Visit 3b. Dairy Plant Visit</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Anatomy</td>
<td>5. Skeletal Anatomy</td>
<td>4. External Anatomy</td>
</tr>
<tr>
<td>8</td>
<td>Animal Reproductive System</td>
<td>8. Reproductive Anatomy</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Anatomy and Embryology of Chickens</td>
<td>9. Avian Anatomy</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Laboratory Practical Exam</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Worksheets are to be completed during lab session and turned in at the end of that session. Homeworks are to be turned in as specified by the instructor.
ASC 310 Equine Anatomy
Spring 2014
Course Syllabus

Class Meetings: Monday 1:00 – 1:50 PM, room B-52 Garrigus Bldg
               Wednesday (lab): 3:00 – 4:50 PM, B-52 Garrigus Bldg

Instructor: Amy Lawyer, BS MS
Office: 615 W.P. Garrigus Bldg
Email: Amy.lawyer@uky.edu
Phone: 257-7501
Office hours: By appointment, please email

Recommended Textbook:


Course Description

This course will focus on the anatomy of the horse. Topics will include the skeletal system, muscular system, respiratory system, digestive system, cardiovascular system, and nervous system.

Learning Outcomes

By the end of the course the students will be able to:
1. Name and identify all the equine bones and their respective anatomical landmarks.
2. Know the equine muscles and tendons responsible for locomotion and their respective skeletal attachments.
3. Describe the anatomy and recognize the function of the equine respiratory, cardiovascular, digestive, and nervous systems.

Class Attendance

It is highly recommended that you attend the classes for this course. Class attendance is critical to your academic success, and it is a University of Kentucky policy and expectation that you attend class. If you cannot attend class for any reason, it is your responsibility to contact me and
present documentation for your absence. Absences due to serious illness (e.g. hospitalization or surgery) or death within your immediate family are recognized by the University of Kentucky as excused absences, and documentation must be presented. For UK related trips, you must provide a written notice signed by the instructor or coach IN ADVANCE of the event or scheduled exam.

**Grades**

Grades will be based upon the following format:

There will be 3 exams, each of which will be worth 100 points. The exams will consist of theory and practical tests. **All the exams and quizzes are cumulative.**

There will also be 10 quizzes throughout the course, each of which will be worth 10 points, with a total sum of points from quizzes of 100 points. These points will be computed and averaged with the exams.

Grades will be averaged and the student will receive:

- **A:** 100-90%
- **B:** 89-80%
- **C:** 79-70%
- **D:** 69-60%
- **E:** Less than 60%

**Missing Exam: Make up policy:**

If the student misses an exam or quiz and does not provide proof of excused absence as recognized by the University of Kentucky’s Code of Student Conduct, the grade for that exam will be zero and no make-up exam will be available for that student.

If the student misses an exam and has proof of excusable absence, they shall bring appropriate verification no later than 1 week after the exam. The make-up exam will be scheduled for the Wednesday of the dead-week of the academic semester. All students will take the same make-up exam regardless of which exam they missed. The make-up exam will be cumulative as well. If the student missed more than 1 exam, the make-up exam will have the weight of 2 or 3 exams as appropriate.

As mentioned above, you need to notify me IN ADVANCE of UK related trips. I will not make up an exam due to unexcused absences.

**Academic Integrity**

Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: cheating during a test or quiz, plagiarism (copying or using someone else’s work as your own), utilization of unauthorized materials during academic evaluations, etc. The first offense will result in a **zero** for that assignment and may result in failure of the course.
Any work that you submit to me must be your own; in addition, any words, ideas, or data that you borrow from another person(s) and include in your work must be properly documented.

For more information, see Part II, Section 6.3 through 6.4.3 of the “Code of Student Conduct” www.uky.edu/StudentAffairs/Code/part2.html

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It is poor behavior to chat with friends when the instructor or other students are speaking on topics related to the course. No one likes to be interrupted and your talking may distract others who are trying to learn. Reading newspapers or other non-class related materials is off-limits.

You are **NOT** allowed to use your laptop, iPod (or any other mp3 player), iPad (or any other tablet) or your cell phone in class.
Equine Anatomy

This is a tentative schedule and may be adjusted for content during the course of the class.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/15</td>
<td>Handing out syllabus, start Skeletal System</td>
</tr>
<tr>
<td><strong>1/20</strong></td>
<td><strong>Martin Luther King – HOLIDAY</strong></td>
</tr>
<tr>
<td>1/22</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>1/27</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>1/29</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>2/3</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>2/5</td>
<td>Skeletal System (<strong>Bones Lab, Ag North Rm N-11</strong>)</td>
</tr>
<tr>
<td>2/10</td>
<td>Muscular System, intro to Joints, Ligaments and Tendons</td>
</tr>
<tr>
<td>2/12</td>
<td><strong>EXAM # 1</strong></td>
</tr>
<tr>
<td>2/17</td>
<td>Muscular System (joints and ligaments)</td>
</tr>
<tr>
<td>2/19</td>
<td>Muscular System (forelimb muscles)</td>
</tr>
<tr>
<td>2/24</td>
<td>Muscular System (forelimb muscles)</td>
</tr>
<tr>
<td>2/26</td>
<td>Muscular System (neck and hindlimb muscles)</td>
</tr>
<tr>
<td>3/3</td>
<td>Muscular System (neck and hindlimb muscles)</td>
</tr>
<tr>
<td>3/5</td>
<td>Muscular System (hindlimb muscles)</td>
</tr>
<tr>
<td>3/10</td>
<td>Horse conformation video</td>
</tr>
<tr>
<td><strong>3/12</strong></td>
<td><strong>EXAM # 2</strong></td>
</tr>
<tr>
<td>3/17-22</td>
<td>Spring Break</td>
</tr>
<tr>
<td>3/24</td>
<td>Digestive System</td>
</tr>
<tr>
<td>3/26</td>
<td>Digestive System</td>
</tr>
<tr>
<td>3/31</td>
<td>Nervous System</td>
</tr>
<tr>
<td>4/2</td>
<td>Nervous System</td>
</tr>
<tr>
<td>4/7</td>
<td>Nervous System</td>
</tr>
<tr>
<td>4/9</td>
<td>Leg and Foot (<strong>Dissection Lab, Ag North Rm N-11</strong>)</td>
</tr>
<tr>
<td>4/14</td>
<td>Respiratory System</td>
</tr>
<tr>
<td>4/16</td>
<td>Respiratory System</td>
</tr>
<tr>
<td>4/21</td>
<td>Cardiovascular System</td>
</tr>
<tr>
<td>4/23</td>
<td>Reproductive System</td>
</tr>
<tr>
<td>4/28</td>
<td>Review</td>
</tr>
<tr>
<td><strong>4/30</strong></td>
<td><strong>EXAM #3</strong></td>
</tr>
</tbody>
</table>
ASC 310 Equine Anatomy and Conformation
Course Syllabus

M: 1:00 – 1:50 PM, room B-52 Garrigus Bldg
W (lab): 3:00 – 4:50 PM, B-52 Garrigus Bldg

Instructor
Dr. Fernanda Camargo
610 WP Garrigus Bldg
Animal Science
Email: Fernanda.Camargo@uky.edu
Phone: 257-7525
Office hours by appointment (email me)

Recommended Textbook:


Course Description
Anatomy of the horse’s systems. Topics will include skeletal, muscular, respiratory, digestive, cardiovascular and nervous system.

Learning Outcomes
By the end of the course the students will be able to:
1. Name and identify all the equine bones and their respective anatomical landmarks.
2. Know the equine muscles and tendons responsible for locomotion and their respective skeletal attachments.
3. Describe the anatomy and recognize the function of the equine respiratory, cardiovascular, digestive and nervous systems.

Class Attendance
I will take attendance for this class.

I expect a lot from you. You should be spending at least 3 hours working on this material for each hour we spend in class, which means at least 6 hours per week studying outside of class.
This class will require a good deal of effort on your part to make an A. An A is given to excellent work, while C is given for average work. It is entirely up to you to decide how much or how little you will put into the class.

It is highly recommended that you attend the classes for this course. Class attendance is critical to your academic success, and it is a University of Kentucky policy and expectation that you attend class. If you cannot attend class for any reason, it is your responsibility to contact me and present documentation for your absence. Absences due to serious illness (e.g. hospitalization or surgery) or death within your immediate family are recognized by the University of Kentucky as excused absences, and documentation must be presented. For UK related trips, you must provide a written notice signed by the instructor or coach IN ADVANCE of the event or scheduled exam.

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Grades will be averaged and the student will receive:

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- B: 89-80%
- C: 79-70%
- D: 69-60%
- E: Less than 60%

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<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/09</td>
<td>Handing out syllabus, start Skeletal System</td>
</tr>
<tr>
<td>1/14</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>1/16</td>
<td>Skeletal System</td>
</tr>
<tr>
<td><strong>1/21</strong></td>
<td><strong>Martin Luther King – HOLIDAY!</strong></td>
</tr>
<tr>
<td>1/23</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>1/28</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>1/30</td>
<td>Skeletal System</td>
</tr>
<tr>
<td>2/04</td>
<td>Muscular System, intro to Joints, Ligaments and Tendons</td>
</tr>
<tr>
<td><strong>2/06</strong></td>
<td><strong>EXAM # 1</strong></td>
</tr>
<tr>
<td>2/11</td>
<td>Muscular System (joints and ligaments)</td>
</tr>
<tr>
<td>2/13</td>
<td>Muscular System (forelimb muscles)</td>
</tr>
<tr>
<td>2/18</td>
<td>Muscular System (forelimb muscles)</td>
</tr>
<tr>
<td>2/20</td>
<td>Muscular System (neck and hindlimb muscles)</td>
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<td>2/25</td>
<td>Muscular System (neck and hindlimb muscles)</td>
</tr>
<tr>
<td>2/27</td>
<td>Muscular System (hindlimb muscles)</td>
</tr>
<tr>
<td>3/04</td>
<td>Horse conformation video</td>
</tr>
<tr>
<td><strong>3/06</strong></td>
<td><strong>EXAM # 2</strong></td>
</tr>
<tr>
<td>3/18</td>
<td>Anatomy of Leg and Foot</td>
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<tr>
<td>3/20</td>
<td>Anatomy of leg and foot (dissection)</td>
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<td>Digestive System</td>
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<td>3/27</td>
<td>Digestive System (dissection)</td>
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<td>4/01</td>
<td>Nervous System</td>
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<td>4/03</td>
<td>Nervous System</td>
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<tr>
<td>4/08</td>
<td>Respiratory System</td>
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<tr>
<td>4/10</td>
<td>Respiratory System</td>
</tr>
<tr>
<td>4/15</td>
<td>Cardiovascular System</td>
</tr>
<tr>
<td><strong>4/17</strong></td>
<td><strong>Exam 3 (CUMULATIVE)</strong></td>
</tr>
<tr>
<td>4/22</td>
<td>Reproductive System</td>
</tr>
<tr>
<td><strong>4/24</strong></td>
<td><strong>Make-up exam</strong></td>
</tr>
</tbody>
</table>
ASC 311: Advanced Equine Evaluation  
Fall 2013  
Tuesday and Thursday 3:30PM  
Meeting Place: Ag North.....or other sites as scheduled

Instructor Information

Laurie Lawrence, Ph.D.
614 Garrigus
257-7509
llawrenc@uky.edu

Mailbox: 6th Floor of Garrigus Building
Staff assistant on 6th Floor: Kevin Hagan, 257-7533

Course Description:

Advanced study of the selection of horses involved in performance activities or breeding. Course material will include selection criteria applied to horses of different breeds and used for different activities. The use of pedigree, performance records and production records as selection criteria will be discussed along with movement, conformation and lameness. Course assignments will include written and oral critiques of pedigree, performance, conformation and movement of horses involved in different activities. Field trips to local sales, farms or horse events will be scheduled.

Prerequisite: Students enrolling in ASC 311 should have completed ASC 310 or have equivalent knowledge of basic equine terminology and anatomy.

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exams</td>
<td>200</td>
</tr>
<tr>
<td>Homework/Lab assignments</td>
<td>125</td>
</tr>
<tr>
<td>Final</td>
<td>100</td>
</tr>
<tr>
<td>Participation</td>
<td>75</td>
</tr>
<tr>
<td><strong>Total possible</strong></td>
<td>500</td>
</tr>
</tbody>
</table>

A = >450  
B= 400-449  
C= 350-399  
D= 325-349  
E= <325
Format of Exams and Other Graded Work:

**Exams:**

Each exam will be scheduled for a full class period. The format of exam questions will include: multiple choice, fill-in the blank, matching, short answer and essay. The exams will reflect the material covered in class or in assignments, however, because ASC 310 is a prerequisite for this class, there is some information that you will be expected to know that may not be covered here. For example, you are expected to know the exterior parts of the horse, and the bones in the limbs. For the second semester exam, most exam questions will deal with material covered between the first and second exam. However, there may be some material covered for the first exam, that was preparation for material covered on the second exam. I will try to define these topics prior to the exam. The final exam will be cumulative.

**Assignments:**

During the semester, there will be periodic assignments that will be turned in for credit. Some of the assignments may involve an activity that occurs during class time. Other assignments may require you to use the library or the internet. If you do not have internet access at home, access may be obtained through the UK Library. Unless specific permission is given to turn in an assignment by email, all assignments should be submitted in hard copy.

Exam questions and assignments will challenge students to connect information from different subject areas in order to solve problems. Students are also expected to be able to write coherently. Written assignments will be graded on content and on presentation. Presentation includes organization, grammar, punctuation, spelling, sentence structure and neatness. Any hand-written assignments should be neat and easy to read.

**Group Work:**

You may be given an assignment to accomplish in a small group. The structure of the assignment will involve making decisions as a group, but presenting your decisions and the decision making process as individuals in writing and in an oral form. You will be given time during class to meet with your group. Grading for the group project will be based on the individual oral and written material that is presented.

**Other Notes about Graded Work:** Homework and assignments must be turned in on time to receive full credit. Late papers will be subject to a 5% reduction for each late class period. An assignment is considered late if it is not submitted by 5 PM on the due date. Remember that assignments must be submitted in hard-copy unless a specific alternative arrangement is made for a specific assignment. Assignments may be left in my mailbox on the 6th floor of the Garrigus Building. VERY IMPORTANT!!! DO NOT EVER LEAVE AN ASSIGNMENT ON MY OFFICE DESK OR UNDER THE DOOR!

Except for group projects or otherwise instructed, every student should work independently on assignments. Copied assignments are not acceptable and points will be distributed on a per
person basis. That is, if two people hand in the same work on a 25 point assignment, and the work receives a grade of 20/25, each person will get 10 points.

**Attendance:** A portion of the graded points are related to participation in class. The following factors are considered in “Participation”: taking part in discussions, asking questions, answering questions, being attentive during class (particularly when we have guest speakers). In order to participate, you must be present. Therefore, although attendance will not be taken at every class period, frequent absence will affect your participation grade. This is a small class so your absence is conspicuous. Also, habitual lateness will affect your participation grade. Also, some of the work will involve “one time only” experiences that can not be recreated (evaluating specific horses at a sale for example), so attendance will also affect your ability to complete some assigned work. Some class meetings may be held off-campus at places such as Keeneland, Fasig-Tipton, the UK Horse Farm or the Red Mile Racetrack. When possible, off campus meetings will be announced one week in advance, however, there may be times when these meetings will be announced just one class period in advance. If you miss a class, it is your responsibility to find out if the next class is scheduled for another meeting place.

Many students prefer to provide their own transportation to off-campus class meetings, however transportation can be provided if necessary. If you do not choose to provide your own transportation, you must notify me by the beginning of the class period prior to the off campus meeting. (For example: If we are meeting at Keeneland on a Thursday, you must let me know at the beginning of the Tuesday class that you would like transport.).

**Missed Classes and Exams:**

Attendance is not mandatory but is expected. Failure to attend class and habitual lateness reflects poorly on an individual and often inconveniences others in the class. In order to reschedule an exam or make up a missed assignment, you must have an excused absence. The following is the UK policy on excused absences. Please read this carefully so you can comply with the stated requirements.

*A student shall not be penalized for an excused absence. The following are defined as excused absences:*

**A. Significant illness of the student or serious illness of a member of the student’s household (permanent or campus) or immediate family.** The Instructor of Record shall have the right to request appropriate verification.

**B. The death of a member of the student's household (permanent or campus) or immediate family.** The Instructor of Record shall have the right to request appropriate verification. For the purpose of this rule, immediate family is defined as spouse or child or parent (guardian) or sibling (all of the previous include steps, halves and in-laws of the same relationship); and grandchild or grandparent

**C. Trips for members of student organizations sponsored by an educational unit, trips for University classes, and trips for participation in intercollegiate athletic events, including club**
sports registered with the university as well as varsity sports. When feasible, the student must notify the Instructor of Record prior to the occurrence of such absences, but in no case shall such notification occur more than one week after the absence. Instructors of Record may request formal notification from appropriate university personnel to document the student’s participation in such trips.

**D. Major Religious Holidays.** Students are responsible for notifying the Instructor of Record in writing of anticipated absences due to their observance of such holidays no later than the last day for adding a class.

**E. Any other circumstances which the Instructor of Record finds reasonable cause for absence.**

Students missing any graded work due to an excused absence bear the responsibility of informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required), and of making up the missed work. The Instructor of Record shall give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

There may be other circumstances I find to be "reasonable cause for absence." I am much more understanding when approached before the missed class than after. When a class is missed that included an assignment, you will be able to make-up the work if the class was missed for one of the acceptable reasons for excused absences listed above. If there is another reason for missing the class, please consult with me as to whether a make-up assignment is possible.

If you are absent from class for reasons listed above as “acceptable”, I will help you obtain the information you missed. If you miss class for another reason, you will be responsible for obtaining notes from another student.

**Academic Integrity:**

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: [http://www.uky.edu/Ombud](http://www.uky.edu/Ombud). A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online at [http://www.uky.edu/StudentAffairs/Code/part2.html](http://www.uky.edu/StudentAffairs/Code/part2.html)) states that all academic work, written or
otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student’s assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, the content and the phraseology intact, is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Using and documenting sources of information is an essential part of all writing, but people are often confused about what to document and how. The following guidelines may help you provide appropriate documentation and avoid plagiarizing someone else’s work.

1) General information does not need to be documented. General information includes things that most people would be expected to know. For example, most (horse) people would be expected to know that horses are spring breeders; that horses are commonly considered nonruminant herbivores; or that lysine is an amino acid. You might also think of general information as something that is readily accepted by most people as fact (that is, not an opinion), or as above, something that is in the public domain.

2) More specific information should be documented. “Documentation” means that you provide the reader with a means of determining where you got the specific information. It also gives credit to the original author. Specific information might include: results from a research experiment, someone’s opinion or recommendation, specific rules from a regulatory agency, a method for performing some measurement, etc.

3) When outside sources of information are used, the sources of the information must be correctly acknowledged. That is, the correct form of documentation must be provided. Providing the source of specific information does not give you the right to use direct quotes from that source, unless you put the statement within quotation marks. Although you may choose to do this
occasionally (use quotation marks) this is not the most desirable way of putting the information into your project. Instead, you should formulate your own thoughts using the fact and just reference the fact. "Someone else's words" would include a paragraph, a sentence or even a long phrase. There are very few instances in most papers/projects on animal science subjects where it is appropriate to directly quote material from reference sources. Instead, one should use the information from a reference in phrases, sentences and paragraphs of your own words.

4) Remember that when you write a paper and put your name on it, you are claiming ownership for the content. Any part of the content that is not from your own intellectual activity must be appropriately documented to give credit to the original author. When using data from someone else’s work and putting those data into a table or figure, it is appropriate to state “Adapted from ‘author, date’. The same applies when using a figure or diagram. If you “copy and paste” a diagram or figure from someone else’s work into your work without giving credit, this is plagiarism.

5) If you are uncertain as to what is appropriate in terms of documentation, please make an appointment to discuss any questions or concerns.

**Accommodation Due to Disability**

If you have a documented disability that requires academic accommodations, please see me after class or make an appointment to come to my office as soon as you are aware of the need for accommodation. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

**Other Expectations**

During class you are expected to be respectful to others and to engage in civil discourse when we discuss topics that have different perspectives. Please do not engage in distracting behavior during class such as reading a newspaper or talking to others. If a lecture point is not clear to you, please raise your hand and ask for clarification. If something is not clear to you, chances are good it is not clear to others as well! Phones, etc. should be turned off during class.

We may occasionally have guest speakers. These speakers are typically industry professionals, not professional teachers and therefore it is essential that you make them feel comfortable. These individuals donate their time to share their knowledge and experiences with you. Be courteous at all times. This includes being attentive and respectful of their ideas and opinions as well as being prepared to ask questions.

Only students enrolled in the course should attend class. Do not bring friends, family, pets or children to class. If there is an extenuating circumstance that requires you to have a friend, family member of child with you during class, please ask for permission in advance. Students are encouraged to review the University’s code of conduct for students.
Tentative Schedule:

Note: This schedule may change.

Aug 29: Introduction
Sept 3: Conformation review
Sept 5: Conformation review
Sept 10: Pedigree Basics
Sept 12: Thoroughbred yearlings
Sept 17: Thoroughbred yearlings
Sept 19: Gaits and movement
Sept 24: Gaits and movement
Sept 26: Standardbred Performance and Production Records
Oct 1: Standardbred Yearlings
Oct 3: Movement - normal
Oct 8: **Exam 1**
Oct 10: Lameness
Oct 15: Hunters
Oct 17: Hunters
Oct 22: Jumpers
Oct 24: Dressage Horses
Oct 29: Selecting Breeding Stock
Oct 31: Selecting Breeding Stock
Nov 5: Broodmares
Nov 7: Stallions
Nov 12: Quarter Horses – Group project assigned
**Nov 14: Exam 2**
Nov 19: Quarter Horses
Nov 21: Quarter Horses & Group time
Nov 26: Quarter Horses & Group time
Nov 29: No class
Dec 3: Group presentations
Dec 5: Group presentations
Dec 10: Quarter Horses
Dec 12: Walking Horses

Dec 19: Final Exam 3:30 PM
Pre-test: Do your best!

Name ______________________________

1. If a horse had a fractured sesamoid, what joint would be involved? ________________.

2. “Back at the knees” is another name for
   A. calf knees
   B. cow hocked
   C. knock-knees
   D. bench knees

3. How many “beats” are usually found in the
   Running walk __________
   Trot __________
   Canter __________
   Gallop __________
   Pace __________

4. Which of the following breeds would you expect to be the most heavily muscled?
   A. Thoroughbred
   B. Quarter Horse
   C. Standardbred
   D. Arabian

5. Which of the following breeds is shown in 5-gaited classes?
   A. thoroughbred
   B. Saddlebred
   C. Walking Horse
   D. Standardbred

6. Which of the following conformation characteristics would be most likely to result in interference between the forelegs?
   A. toed out, base narrow
   B. a wide chest
   C. buck knees
   D. toed in, base wide

7. Briefly explain the difference between an angular limb deviation and a flexural limb deviation.
8. In the pedigree below, identify the following individuals:

Sire: ___________________
First Dam: ________________
Second Dam: ____________
Maternal Grandsire: ________________

<table>
<thead>
<tr>
<th>Sire</th>
<th>First Dam</th>
<th>Second Dam</th>
<th>Maternal Grandsire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webber</td>
<td>Smarty</td>
<td>Hoppy</td>
<td>Town Line Road</td>
</tr>
<tr>
<td>Coolest</td>
<td>Sunset strip</td>
<td></td>
<td>Coolest</td>
</tr>
<tr>
<td>Time of Day</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. Matching. Place the letter corresponding to the bone, muscle or tendon that is found underneath the external part of the horse.

 _____ gaskin  a. 1st metacarpal  
 _____ loin    b. triceps brachii    
 _____ withers c. tibia            
 _____ forearm d. 1st phalanx  
 _____ stifle  e. thoracic vertabrae 
 _____ hoof   f. muscle of the extensor carpi radialis
 _____ cannon g. humerus                    
                   h. radial carpal bone 
                   i. patella                         
                   j. 3rd phalanx                     
                   k. 3rd metatarsal                  
                   l. lumbar vertabrae               
                   m. calcaneous                    

10. What does the term “balance” mean when it is applied to equine conformation?
Information Sheet

Name _____________________________________
email ____________________________________ do you check this regularly? ________
telephone ________________________________

Do you have class or work......

Tuesday at 2:30 to 3:30  Yes or No
Tuesday at 4:30 to 5:00  Yes or No

Thurs 2:30 to 3:30  Yes or No
Thurs 4:30 to 5:00  Yes or No

Horse experience: _________________________________________________________
_______________________________________________________________________
_______________________________________________________________________

What do you hope to learn in this class? ________________________________
_______________________________________________________________________
_______________________________________________________________________

Do you have an interest in a particular breed or type of horse? If so, please describe:
_______________________________________________________________________

What are your career aspirations?
_______________________________________________________________________
SYLLABUS

Course Description: A study of the basic principles associated with horse management. Topics to include equine behavior, equine diseases and herd health programs, facilities and environmental management, nutrition and feeding management.

Prerequisite: ASC 101

Learning Objectives:
1.) To acquire knowledge sufficient to provide horses their basic daily needs relative to nutrition, housing and health care.
2.) To be able to apply the information and concepts presented in class to real life situations and problems, and be able to develop unique plans to address them.
3.) To be proficient in the skills taught in laboratory.

Instructor: Dr. Mary Rossano
Office: 611 W. P. Garrigus Bldg.
Phone: 859 257-7552
E-mail: Mary.Rossano@uky.edu
Mailbox: Located in common area - 6th floor W. P. Garrigus Building.

Office Hours: Monday and Wednesday 11:00-12:00 or by appointment. Students can call, email or stop by the office to set up a convenient time to meet. Please take advantage of office hours, either individually or with friends. They are a chance to talk about the course, assignments, study strategies or whatever else you would like to discuss. Students don’t have to have a problem to visit, however, if you are having trouble with the course I definitely want to see you and try to help.

Lectures: There will be two 1 hour lectures per week on Monday and Wednesday at 10:00 - 10:50 am; in B52 Garrigus building.

Laboratory: Laboratory sessions are 3 hours per week and are scheduled for Tuesday or Wednesday at 1:00 - 3:50 pm. Refer to the lab schedule for location of the lab. Lab locations and start times will be confirmed in lecture each week. Students are required to provide their own transportation to the lab periods unless otherwise noted.

Recommended Text: There is no required text book for this course. For certain topics, handouts will be distributed in class or posted to Blackboard. Students not already using Blackboard can learn how to do so at: http://wiki.uky.edu/blackboard/Wiki%20Pages/Home.aspx. Be sure to check your system to make sure you have everything in place to use Blackboard successfully. Go to the Getting Started tab at the Bb9 student page to do this: http://wiki.uky.edu/blackboard/Wiki%20Pages/Bb9%20Student%20Menu.aspx.
Course Material:
The material covered in this course will focus on basic horse care and management. Material will be presented in lecture, plus laboratory sessions that will include hands-on activities, demonstrations and field trips. Some course material will be presented by guest lecturers.

Grading:
Final grade in the course will be made up of two tests, assignments and quizzes throughout the semester, a lab practical exam and a comprehensive final exam.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mid-term</td>
<td>100 points</td>
</tr>
<tr>
<td>Lab Final</td>
<td>100 points</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150 points</td>
</tr>
<tr>
<td>Assignments and participation</td>
<td>250 points</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>600 points</strong></td>
</tr>
</tbody>
</table>

Exams and quizzes must be taken at the time administered unless a valid, documented excuse is provided. The UK governing regulations describe the valid excuses. Exams and quizzes missed without a valid excuse will receive a 0 grade.

Mid-term exam - Wednesday, October 9th at 10:00 am. This test will include lecture material covered in classes August 28 - October 7.

Lab Final – Tuesday, November 19 (001) or Wednesday, November 20 (002), 1:00 pm - 3:50 pm. The lab final will be based on material from all the labs and will be made up of hands-on activities. The lab final will be held at Maine Chance Farm Teaching Pavilion.

Final Exam - Tuesday, December 17, 3:30 pm in B52 Garrigus. This is a comprehensive exam. It will cover the lecture and related lab material from the entire semester. Students will have 2 hours for the final exam.

Assignments and class participation: There will be a variety of written assignments and points for class and lab participation throughout the semester. You must have an excused absence to make up missed participation points and in-class assignments. Some of the assignments will be done during the lab periods, while other assignments will be outside class time.

Clickers: you will need a “clicker” (TurningPoint response card) for lecture participation. The clicker must be registered to you through Blackboard. It is your responsibility to remember to bring it to class and make sure it is in working order (check the battery). For more information on clickers, visit this link: [http://www.uky.edu/acadtrain/turningpoint/students](http://www.uky.edu/acadtrain/turningpoint/students)

Group assignments: some of the assignments to be completed will be done as a group activity. This will include assignments during the lab periods and assignments that are completed in class. Groups will consist of 5-6 students and it will be the responsibility of the students to develop their working groups.
Grading: Grades will be based on the percentage of total points accumulated and awarded as follows:

Grades:  
A = 90% or more  
B = 80-89.9%  
C = 70-79.9%  
D = 60-69.9%  
E = less than 60%

Academic Honesty Policy: Cheating, plagiarism or other academic dishonesty is a violation of academic standards and University policy. Students who commit academic dishonesty will be subject to having the incident reported on their academic record and may receive an E for the class. Other consequences could also occur, depending on the student’s prior history of offenses.

Attendance policy: In order to succeed in the class, you will need to attend regularly. If you miss a quiz or in-class exercise and do not have a valid excuse you will not have the opportunity to make up the lost points. If you are sick, please see a doctor and bring a medical excuse for missing class. You will be allowed to make up lost points, or some other adjustment to your grade will be made. Please visit me during office hours or at another mutually convenient time if you would like some assistance catching up after an excused absence.

Students with disabilities: If you need individual accommodations to meet course objectives because of a documented disability, please make an appointment with me to discuss your needs as soon as possible so that we can ensure your full participation in class and fair assessment of your work. Please provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Laptops and other electronic devices: Laptops and tablet devices are a distraction in class. Therefore, laptops and tablet devices may not be turned on during lectures. Cell phones must be on silent during class.

Warning: Under Kentucky Law, a farm animal activity sponsor, farm animal professional, or other person does not have the duty to eliminate all risks of injury of participation in farm animal activities. There are inherent risks of injury that you voluntary accept if you participate in farm animal activities.

KRS 247.4027
## Tentative Lecture Schedule

<table>
<thead>
<tr>
<th>Dates</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 28</td>
<td>Course introduction</td>
</tr>
<tr>
<td><strong>Sept 2</strong></td>
<td><strong>No class – Labor Day</strong></td>
</tr>
<tr>
<td>Sept 4</td>
<td>Normal health parameters</td>
</tr>
<tr>
<td>Sept 9</td>
<td>Equine digestive anatomy and physiology</td>
</tr>
<tr>
<td>Sept 11</td>
<td>Feeding Horses - Nutrient Needs</td>
</tr>
<tr>
<td>Sept 16</td>
<td>Feeding Horses - Nutrient Needs</td>
</tr>
<tr>
<td>Sept 18</td>
<td>Feeding Horses – Forages and Concentrates</td>
</tr>
<tr>
<td>Sept 23</td>
<td>Feeding Horses - Creating rations</td>
</tr>
<tr>
<td>Sept 25</td>
<td>Feeding Horses – Rations continued</td>
</tr>
<tr>
<td>Sept 30</td>
<td>Pasture evaluation – Mr. Tom Keene</td>
</tr>
<tr>
<td>Oct 2</td>
<td>Feeding Horses – Rations continued</td>
</tr>
<tr>
<td>Oct 7</td>
<td>Environmental management of pastures – Dr. Steve Higgins</td>
</tr>
<tr>
<td>Oct 9</td>
<td><strong>Mid-term exam 10:00-10:50 am, Room B52 Garrigus</strong></td>
</tr>
<tr>
<td>Oct 14</td>
<td>Hooves and hoof care – Mr. Mitch Taylor</td>
</tr>
<tr>
<td>Oct 16</td>
<td>Hooves and hoof care – Mr. Mitch Taylor</td>
</tr>
<tr>
<td>Oct 21</td>
<td>Ectoparasites of the horse</td>
</tr>
<tr>
<td>Oct 23</td>
<td>Endoparasites of the horse</td>
</tr>
<tr>
<td>Oct 28</td>
<td>Parasite control programs</td>
</tr>
<tr>
<td>Oct 30</td>
<td>Important diseases of the horse</td>
</tr>
<tr>
<td>Nov 4</td>
<td>Equine first aid – Dr. Mike Beyer, DVM</td>
</tr>
<tr>
<td>Nov 6</td>
<td>Disease prevention</td>
</tr>
<tr>
<td>Nov 11</td>
<td>Disease prevention programs</td>
</tr>
<tr>
<td>Nov 13</td>
<td>Euthanasia</td>
</tr>
<tr>
<td>Nov 18</td>
<td>Health topics wrap-up</td>
</tr>
<tr>
<td>Nov 20</td>
<td>Equine facilities - Buildings</td>
</tr>
<tr>
<td>Nov 25</td>
<td>Equine facilities - Pastures</td>
</tr>
<tr>
<td><strong>Nov 27</strong></td>
<td><strong>No Class – Thanksgiving Break</strong></td>
</tr>
<tr>
<td>Dec 2</td>
<td>Equine facilities – site selection</td>
</tr>
<tr>
<td>Dec 4</td>
<td>Equine facilities – safety and liability</td>
</tr>
<tr>
<td>Dec 9</td>
<td>Assessing equine welfare</td>
</tr>
<tr>
<td><strong>Dec 11</strong></td>
<td><strong>Last Day of Class</strong> – Horse industry issues</td>
</tr>
<tr>
<td>Dec 17</td>
<td><strong>Final Exam</strong> – 3:30 pm, Room B52 Garrigus</td>
</tr>
</tbody>
</table>
**Tentative Laboratory Schedule**

**Tuesday (section 001) or Wednesday (section 002) 1:00 - 3:50 am**

The lab schedule is tentative because guest speakers may occasionally not be available as originally planned. Lab times and locations will be announced during classes prior to the lab. If students are unsure about the location and time of the lab ask during the lecture portion of the class that Monday morning.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/28</td>
<td>No lab this week</td>
<td></td>
</tr>
<tr>
<td>Sept 3, 4</td>
<td>Vital signs and body condition scoring</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>Sept 10, 11</td>
<td>Feed identification and selection</td>
<td>N-11 Ag North @ 1:30</td>
</tr>
<tr>
<td>Sept 17, 18</td>
<td>McCauley Brothers</td>
<td>Bus in Garrigus lot @ 1:15</td>
</tr>
<tr>
<td>Sept 24, 25</td>
<td>Feeds – management</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>Oct 1, 2</td>
<td>Pasture evaluation</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>Oct 8, 9</td>
<td>Environmental management</td>
<td>Bus in Garrigus lot @ 1:15</td>
</tr>
<tr>
<td>Oct 15, 16</td>
<td>Kentucky Horseshoeing School</td>
<td>Bus in Garrigus lot @ 1:00</td>
</tr>
<tr>
<td>Oct 22, 23</td>
<td>Fasig-Tipton sale</td>
<td><a href="http://www.fasigtipton.com/">http://www.fasigtipton.com/</a></td>
</tr>
<tr>
<td>Oct 29, 30</td>
<td>Parasitology</td>
<td>N-11 Ag North @ 1:30</td>
</tr>
<tr>
<td>Nov 5, 6</td>
<td>Dr. Mike Beyer, DVM, first aid</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>Nov 12, 13</td>
<td>Deworming and skills practice</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>Nov 19, 20</td>
<td><strong>Final lab skills practical exam</strong></td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>11/26, 27</td>
<td><strong>Thanksgiving Break – no lab</strong></td>
<td></td>
</tr>
<tr>
<td>Dec 3, 4</td>
<td>Facility evaluation</td>
<td>Maine Chance Farm</td>
</tr>
</tbody>
</table>
Course Prefix and Number: ASC 320-201

Course Title: Equine Management

Course Description: A study of the basic principles associated with horse management. Topics to include equine behavior, equine diseases and herd health programs, facilities and environmental management, nutrition and feeding management.

Course Objectives/Competencies:

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

- Develop an understanding of Equine Science,
- Gain an understanding of management practices through the implementation of current horse husbandry practices, and
- Increase their overall knowledge of the horse industry.

Instructor: Mary G. Rossano, Ph.D.

Office: 611 W.P. Garrigus Bldg., Lexington, KY 40546

Virtual Office Hours: I will check my e-mail daily. I will try to answer your e-mail questions within 24 hours. I will notify you in advance if I will not be able to answer your e-mail in this time frame. I encourage you to e-mail questions about your assignments.

You may also contact me by phone and/or fax, as well as by e-mail. I am often away from the office, but I do have voice mail to receive your message. When you are really stuck with a problem, the best way to get help might be by phone so that we can talk through a procedure.

Office Phone: (859) 257-7552

Fax: (859) 323-1027

E-mail: Mary.Rossano@uky.edu
Academic Ombud: The Office of Academic Ombud Services is responsible for assisting students and instructors to work through and resolve academic related problems and conflicts. You can contact the Academic Ombud at 257-3737 or by email at: ombud@uky.edu

Course Format:

ASC 320-201 (Equine Management) will be taught via Internet, using e-mail and the course web site. The course portal is: https://elearning.uky.edu, using the course management system Blackboard.

Some assignments will involve reading articles, but all required reading will be available online. Other assignments will involve activities you perform on your own to enhance your learning. These will aid in successfully completing the quizzes and exams.

Topics to be covered in this course are listed under Course Units. Although all units may not be available at the onset of the course, a complete list can be reviewed below.

- UNIT 1: The Horse Industry
- UNIT 2: Equine Identification
- UNIT 3: Breeds of Horses and Their Uses
- UNIT 4: Equine Behavior
- UNIT 5: Learning and Training
- UNIT 6: Healthy Horse
- UNIT 7: Diseases
- UNIT 8: Parasites
- UNIT 9: Common Health Care Practices
- UNIT 10: Introduction to Equine Nutrition
- UNIT 11: Feeds for Horses
- UNIT 12: Selection and Evaluation
- UNIT 14: Horse Transportation
- Note: there is no UNIT 13.

Evaluation:

- Each unit will contain a quiz to be taken upon completion of that unit.
- Each quiz and assignment will have a number of points assigned and is due before the exam is first given for that group of units.
- There will be two major exams and a final examination. These will be made available on certain days during a given time frame and will be taken in a proctored setting in a computer lab.
Grading Scale:

90 - 100%  A
80 - 89%   B
70 - 79%   C
60 - 69%   D
<= 59%     E

FERPA: According to the Family Education Privacy Act, your grades are confidential. I will send written comments and grades on assignments by email. If you feel that your privacy rights will be violated by the transfer of private information by email, we can make arrangements to notify you in other ways that better meet your needs.

Late Work: I do not accept late work. If, during the semester, a situation arises and you will not be able to submit an assignment on time, please notify us and we can arrange for an extension. You must request an extension before the original due date.

Plagiarism: A student found guilty of plagiarism or cheating will receive the grade "E" (failing) for the course. Plagiarism is defined in the UK Student Rights and Responsibilities Handbook. In completing assignments you may work with colleagues and correspond with classmates. However, the quizzes and exams must be your own work.

IMPORTANT NOTE: We expect you to be absolutely honest in completing your course work.

UK Student Rights and Responsibilities:

All rules and regulations set forth in the current edition of the UK Student Rights and Responsibilities will be followed in this course.

Qualified students with disabilities should contact Jake Karnes with the Disability Resource Center for assistance. (Phone: 859 257-2754)
University of Kentucky Computing Center Policies:

It is your responsibility to comply with University of Kentucky Computing Center Policies.

POLICY GOVERNING ACCESS TO AND USE OF UNIVERSITY OF KENTUCKY COMPUTING RESOURCES


Readings: All reading assignments other than textbook assignments will be available online. You may acquire supplemental readings from materials in your library or from interlibrary loan.

Course materials will be available on the course web site at all times, unless there are technical problems with Blackboard.

Technology Requirements:

- Note: course instructions are designed for Windows. If you are using a Mac, everything should work, but it is your responsibility to trouble shoot if problems occur.
- High-speed web access
- Check to confirm that the browser you are using is certified for Blackboard. You can refer to this table to see how your operating system and software score for compatibility: check browser. In general, a Windows operating system and Mozilla Firefox are the best combination for accessing portions of the course with videos.
- Windows Media Player
- Free Adobe Reader for accessing PDF files.
- Free Adobe Flash Player for watching animations and some movies.
- Free Apple Quicktime Player for watching movies.
- An email account that you check regularly. Course email will be distributed via Blackboard to your UK account, so if you prefer to use a different account, please make sure that your UK email forwards messages to it.
ASC 389 – spring 2014
Applied Equine Nutrition and Feeding
2 credit hours (2 hours of lecture/wk); Spring Semester 2014; Tuesday 3:30-5:20

Instructor Information

Laurie Lawrence, Ph.D., Professor
Department of Animal and Food Sciences, College of Agriculture
614 Garrigus; 257-7509; llawrenc@uky.edu
Mailbox: 6th Floor of Garrigus Building
Office hours: By appointment (email or phone above)
Staff assistant on 6th Floor: Kevin Hagan 257-7533

Course Description:

This course examines the feeding management of broodmares, growing horses, performance horses and horses with special needs. Lecture material covers equine digestive physiology, common equine feeds, feed and ration analysis, factors influencing the utilization of feeds by horses, and factors affecting nutrient requirements and feeding management of the different classes of horses.

Prerequisite: a course in nutrition or consent of the instructor.

Student Learning Outcomes:

By the end of the course students will be able to:

1) describe the equine digestive tract and list the site of digestion and absorption of different nutrients
2) explain the terms on a typical feed analysis report and use the report to compare feeds and make decisions about the use of the feed in equine rations
3) analyze a ration for adequacy and make specific recommendations for changes when appropriate
4) develop practical feeding management programs that meet the requirements for each of the following categories of horses: broodmares, weanlings, yearlings, recreational horses and performance horses.

Course Goals:

1) To understand the unique aspects of the equine digestive tract and how they affect feeding management
2) To understand the strengths and weaknesses of various feed ingredients used in horse diets
3) To understand how to apply nutrient recommendations to horse feeding programs
4) To be able to critically assess the need for and efficacy of, equine nutritional supplements.
**Texts:**

Recommended:


- **Southern Forages.** 2002. D.M. Ball, C.S. Hoveland, G.D. Lacefield. Order from Potash and Phosphate Institute, 655 Engineering Dr Suite 110, Norcross GA. 30092; copies may also be available from the Department of Plant and Soil Sciences, University of Kentucky.

*Other materials will be given out in class. You may choose to have a 3-ring binder for these handouts.*

**Graded Work and Assignment of Grades:**

**Exams:** There will be two exams, a mid-term and a final. The format of exam questions will include multiple choice, fill-in the blank, matching, short answer and essay. The exams will reflect the material covered in class and in assignments, however, there is some information that you will be expected to know that may not be covered here. For example, you are expected to know basic information about nutrition such as the major classes of nutrients, and basic principles of digestion and gastrointestinal anatomy (note the prerequisite above). You should also know how to make simple calculations (using percentages, fractions, ratios etc) that are necessary when analyzing a diet. You must be able to convert from pounds to kilograms and grams. If you are not familiar with these procedures we will schedule a “help” session at the beginning of the semester. The final exam will be cumulative.

**Assignments and Quizzes:** During the semester, there will be periodic assignments that will be turned in for credit. Homework and assignments are given out in hard-copy during class. Each assignment will have specific guidelines. Some examples of assignments will be: calculating the nutrients contained in a horse’s diet when you are given the amount of each feed and the composition of the feed; calculating the amount of hay and grain to feed to a particular horse when you are given the horse’s requirement and the composition of the feed; reading a research paper and writing an evaluation of the credibility and usefulness of the information it contains; comparing the advantages and disadvantages of two feeds based on a feed analysis report; obtaining a feed tag for and equine feed and writing an analysis/explanation of the purpose of the each ingredient in the feed. Credit (points) for each assignment/homework will vary depending upon the difficulty of the work. Some of the assignments may involve an activity that occurs during class time. Other assignments may require you to use the library or the internet. If you do not have internet access at home, access may be obtained through the UK Library.

Unless specific permission is given to turn in an assignment by email, all assignments should be submitted in hard copy.
We may or may not have a few quizzes in class. Quizzes will be announced.

**Other Notes about Graded Work:** Homework and assignments must be turned in on time to receive full credit. Late papers will be subject to a 5% reduction for each day the assignment is late. An assignment is considered late if it is not submitted by end of class on the due date. Remember that assignments must be submitted in hard-copy unless a specific alternative arrangement is made for a specific assignment. Assignments may be left in my mailbox on the 6th floor of the Garrigus Building. **DO NOT** LEAVE ASSIGNMENTS ON MY OFFICE DESK OR UNDER THE DOOR!

**Grading:**

Exams and assignments will be graded on a point basis. The mid-term and final exams will be worth 150 points. There will be 4-6 assignments and/or quizzes. The point value for each item will vary but the total points possible for quizzes and assignments will be 100. The total number of points accumulated during the semester will determine the final letter grade using the following system:

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<thead>
<tr>
<th></th>
<th>@ 150 pt</th>
<th>150</th>
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<tbody>
<tr>
<td>Mid-term exam</td>
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<tr>
<td>Final Exam</td>
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<tr>
<td>Quizzes/ Assignments</td>
<td></td>
<td>100</td>
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<td>Total</td>
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<td>400</td>
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“A” = 360 points or above; “B”= 359-320 pt; “C”= 319-280 pt; “D” 279-260 pt; “E” < 260 pt

Undergraduate students will receive a mid-term grade that will be based on the mid-term exam and any other graded work. The mid-term grade is required by the university to aid students in assessing their status and progress. The mid-term assessment will be based on a percentage of possible points at the time of the assessment; >90%=A; 80-90%=B; 70-80%=C; 65-70%; <65%=E.

**Academic Expectations:**

A higher level of academic work is expected of students in upper level undergraduate courses than of students beginning their undergraduate career. For each hour spent in class, students should expect to devote 1 to 3 hours of time outside of class to study and assignments. Students in this course are expected to pursue independent reading and critical thinking in the topic area. Exam questions and assignments will challenge students to connect information from different subject areas in order to solve problems. Students are also expected to be able to write coherently. Written assignments will be graded on content and on presentation. Presentation includes organization, grammar, punctuation, spelling, sentence structure and neatness. Any hand-written assignments should be neat and easy to read.
During class you are expected to be respectful to others and to engage in civil discourse when we discuss topics that have different perspectives. Please do not engage in distracting behavior during class such as reading a newspaper or talking to others. If a lecture point is not clear to you, please raise your hand and ask for clarification. If something is not clear to you, chances are good it is not clear to others as well! Phones, etc. should be turned off during class.

We may occasionally have guest speakers. These speakers are typically industry professionals, not professional teachers and therefore it is essential that you make them feel comfortable. These individuals donate their time to share their knowledge and experiences with you. Please be attentive and polite at all times.

Only students enrolled in the course should attend class. Do not bring friends, family, pets or children to class. If there is an extenuating circumstance that requires you to have a friend, family member of child with you during class, please ask for permission in advance.

Students are encouraged to review the University’s code of conduct for students.

**Attendance and Missed Classes:**

Attendance is not mandatory but is expected. Failure to attend class and habitual lateness reflects poorly on an individual and often inconveniences others in the class. In order to reschedule an exam or make up a missed assignment, you must have an excused absence. The following is the UK policy on excused absences. Please read this carefully so you can comply with the stated requirements.

*A student shall not be penalized for an excused absence. The following are defined as excused absences:*

**A.** Significant illness of the student or serious illness of a member of the student’s household (permanent or campus) or immediate family. The Instructor of Record shall have the right to request appropriate verification.

**B.** The death of a member of the student’s household (permanent or campus) or immediate family. The Instructor of Record shall have the right to request appropriate verification. For the purpose of this rule, immediate family is defined as spouse or child or parent (guardian) or sibling (all of the previous include steps, halves and in-laws of the same relationship); and grandchild or grandparent

**C.** Trips for members of student organizations sponsored by an educational unit, trips for University classes, and trips for participation in intercollegiate athletic events, including club sports registered with the university as well as varsity sports. When feasible, the student must notify the Instructor of Record prior to the occurrence of such absences, but in no case shall such notification occur more than one week after the absence. Instructors of Record may request formal notification from appropriate university personnel to document the student’s participation in such trips.
D. Major Religious Holidays. Students are responsible for notifying the Instructor of Record in writing of anticipated absences due to their observance of such holidays no later than the last day for adding a class.

E. Any other circumstances which the Instructor of Record finds reasonable cause for absence.

Students missing any graded work due to an excused absence bear the responsibility of informing the Instructor of Record about their excused absence within one week following the period of the excused absence (except where prior notification is required), and of making up the missed work. The Instructor of Record shall give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

There may be other circumstances I find to be "reasonable cause for absence." I am much more understanding when approached before the missed class than after. When a class is missed that included an assignment, you will be able to make-up the work if the class was missed for one of the acceptable reasons for excused absences listed above. If there is another reason for missing the class, please consult with me as to whether a make-up assignment is possible.

If you are absent from class for reasons listed above as “acceptable”, I will help you obtain the information you missed. If you miss class for another reason, you will be responsible for obtaining notes from another student.

Academic Integrity:

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: [http://www.uky.edu/Ombud](http://www.uky.edu/Ombud). A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of [Student Rights and Responsibilities](http://www.uky.edu/StudentAffairs/Code/part2.html) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.
When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student’s assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, the content and the phraseology intact, is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain.

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Using and documenting sources of information is an essential part of all writing, but people are often confused about what to document and how. The following guidelines may help you provide appropriate documentation and avoid plagiarizing someone else’s work.

1) General information does not need to be documented. General information includes things that most people would be expected to know. For example, most (horse) people would be expected to know that horses are spring breeders; that horses are commonly considered nonruminant herbivores; or that lysine is an amino acid. You might also think of general information as something that is readily accepted by most people as fact (that is, not an opinion), or as above, something that is in the public domain.

2) More specific information should be documented. “Documentation” means that you provide the reader with a means of determining where you got the specific information. It also gives credit to the original author. Specific information might include: results from a research experiment, someone’s opinion or recommendation, specific rules from a regulatory agency, a method for performing some measurement, etc.

3) When outside sources of information are used, the sources of the information must be correctly acknowledged. That is, the correct form of documentation must be provided. Providing the source of specific information does not give you the right to use direct quotes from that source, unless you put the statement within quotation marks. Although you may choose to do this occasionally (use quotation marks) this is not the most desirable way of putting the information into your project. Instead, you should formulate your own thoughts using the fact and just reference the fact. "Someone else's words" would include a paragraph, a sentence or even a long
There are very few instances in most papers/projects on animal science subjects where it is appropriate to directly quote material from reference sources. Instead, one should use the information from a reference in phrases, sentences and paragraphs of your own words.

4) Remember that when you write a paper and put your name on it, you are claiming ownership for the content. Any part of the content that is not from your own intellectual activity must be appropriately documented to give credit to the original author. When using data from someone else’s work and putting those data into a table or figure, it is appropriate to state “Adapted from ‘author, date’. The same applies when using a figure or diagram. If you “copy and paste” a diagram or figure from someone else’s work into your work without giving credit, this is plagiarism.

5) If you are uncertain as to what is appropriate in terms of documentation, please make an appointment to discuss any questions or concerns.

**Accommodation Due to Disability**

If you have a documented disability that requires academic accommodations, please see me after class or make an appointment to come to my office as soon as you are aware of the need for accommodation. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.
Tentative Schedule: (Note that schedule of topics may change)

<table>
<thead>
<tr>
<th>Date (2014)</th>
<th>Topic/Assignments</th>
</tr>
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<tbody>
<tr>
<td>Jan 21</td>
<td>Introduction, Unique Aspects of the Equine Digestive Tract</td>
</tr>
<tr>
<td>Jan 28</td>
<td>Factors Affecting Digestion and Absorption of Nutrients</td>
</tr>
<tr>
<td>Feb 4</td>
<td>The Composition of Feeds and Feed Analyses</td>
</tr>
<tr>
<td>Feb 11</td>
<td>Feeds and Feed Selection</td>
</tr>
<tr>
<td>Feb 18</td>
<td>Requirements and Allowances</td>
</tr>
<tr>
<td>Feb 25</td>
<td>Maintenance, Feeding the Idle and Recreational Horse</td>
</tr>
<tr>
<td>Mar 4</td>
<td><strong>Mid-term Exam</strong></td>
</tr>
<tr>
<td>March 11</td>
<td>Exercise Physiology and Feeding for Performance</td>
</tr>
<tr>
<td>Mar 18</td>
<td><strong>Spring Break – no class</strong></td>
</tr>
<tr>
<td>Mar 25</td>
<td>Nutrition and Reproductive Efficiency</td>
</tr>
<tr>
<td>Apr 1</td>
<td>Feeding the Pregnant Mare</td>
</tr>
<tr>
<td>Apr 8</td>
<td>Feeding the Lactating Mare and Nursing Foal</td>
</tr>
<tr>
<td>Apr 15</td>
<td>Equine Growth</td>
</tr>
<tr>
<td>Apr 22</td>
<td>Feeding the Growing Horse</td>
</tr>
<tr>
<td>Apr 29</td>
<td>Special Needs Horses</td>
</tr>
<tr>
<td>May 6</td>
<td><strong>Final Exam @ 1-3 pm (note this time is different than the regular meeting time!!)</strong></td>
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</table>
COURSE OUTLINE AND SYLLABUS

ASC 410G
Equine Science, Section 001 and 002
Spring 2014, 3 credit hours

Course Coordinator and Instructor: Kristine L. Urschel, PhD; Assistant Professor, Department of Animal and Food Sciences
Office: 612 W.P. Garrigus Building
Office hours: drop by or e-mail for an appointment
E-mail: klur222@uky.edu
Office phone: 257-7748

Instructor: Robert J. Coleman, PhD; Associate Professor, Department of Animal and Food Sciences
Office: 613 W.P. Garrigus Building
Office hours: drop by or e-mail for an appointment
E-mail: rcoleman@uky.edu
Office phone: 257-9451

Lecture: 9:00 – 9:50 am, MW in A7 Agriculture North Building
Lab:
Section 001: 1:00 – 2:50 pm, W in A7 Ag North Building or in other locations to be announced
Section 002: 1:00 – 2:50 pm, F in A7 Ag North Building or in other locations to be announced.

Course Description: Detailed study of the anatomy and physiology of the horse as they relate to nutrition, reproduction, growth, unsoundness and athletic ability.

Pre-requisites: Junior standing, ASC 320 or instructor consent. Please be aware that this class is heavily science-based and it is expected that students will have familiarity with concepts of both introductory biology (BIO 148, 152) and chemistry (CHE 107 or 108)

Course Learning Outcomes:
The major learning outcomes of this course are as follows:
1. Explain the physiological processes in the horse associated with athletic performance and reproduction.
2. Relate the physiological processes to the nutrient requirements and management considerations at each physiological stage discussed.
3. Apply the knowledge gained in class to interpret and critically assess peer-reviewed scientific literature and other case studies relating to the course material.
4. Use concepts learned in lecture and laboratory to discuss current topics and controversies related to equine science.
5. Improve written and oral communication skills, as well as group work and time management skills.
Reference Materials:
Required textbook: There are no required textbooks for this course

Books that may be helpful (copies of these books have been placed on reserve in the Agricultural Information Center):


Class homepage: Course information, announcements, assignment submission and exam and assignment grades will be available through the ASC 410G page on Blackboard (www.elearning.uky.edu).

Class Organization:
This course will explore aspects of physiology that are specific to the horse: athletic activity and physiology related to reproductive performance. The goal of this class is to familiarize the students with the science behind each of these topic areas and explore current topic/controversies and research being conducted in each area. The 2 key modules in this course are as follows and additional topic areas relating to equine science may be added as time allows:
- Athletic performance of the horse
- Reproductive physiology and management in the horse.

Laboratory component:
The laboratory component of this course meets every Wednesday or Friday from 1:00 – 2:50 pm. Some laboratory activities will be in A7 Agriculture North Building, while other activities may be out at Maine Chance Farm or will involve a field trip to local farms or equine-related facilities. We will finalize the plans and location to meet for each laboratory in class on Wednesday morning and therefore class attendance on Wednesday is critical in ensuring that you are in the correct place at the correct time for the laboratory. Attendance is mandatory in all laboratories and will be assessed by the completion of an assignment at the end of each laboratory period involving field trips, guest speakers or work done at Maine Chance Farm (generally due the following lab period, but will be specified on each assignment). Students must attend their assigned lab section unless alternate arrangements have been made with Dr. Urschel. Please note: depending on the scheduled laboratory activities, it may not be possible to accommodate student requests to attend the other laboratory session.
Course Grading:

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
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<tbody>
<tr>
<td>2 midterm exams @ 90 points each</td>
<td>180</td>
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<tr>
<td>1 cumulative final exam @ 120 points</td>
<td>120</td>
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<tr>
<td>Term project</td>
<td>100</td>
</tr>
<tr>
<td>Group presentation (about athletic disciplines)</td>
<td>25</td>
</tr>
<tr>
<td>Lab and class-related assignments</td>
<td>175 (maximum)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>600 (maximum)</strong></td>
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*The values of the written and lab related assignments will be dependent on the nature of each assignment, but the total value will not exceed the point values indicated above.

**Note: we do not provide opportunities to earn extra credit in this course**

***For any graduate students taking ASC 410G, the above grading scheme will comprise 80% of your final course grade and the remaining 20% of the final course grade will be allocated to an additional project to be discussed with Dr. Urschel.

Exams: Exam questions will be based primarily on the information discussed in lectures, but *may also include some information from the required readings, laboratory materials and in class discussions*. Each exam will consist of a mixture of multiple choice, true/false, fill in the blank and short (written) answer questions. Midterm 1 will include material from January 15 – February 12 (including associated labs), Midterm 2 will include material from February 19 to March 31 (including associated labs) and the Final Exam will be 75% of the material from April 7 to April 30 (including associated labs), with the remaining 25% including material covered over the entire term (cumulative portion of the exam).

Note: If you miss one of the midterm exams for a University of Kentucky approved excused absence (see the “Attendance” section for a complete description of what classifies as an excused absence), please contact Dr. Urschel or Dr. Coleman ASAP to make arrangements for an alternate exam day/time. We do reserve the right to administer a different exam from the one given to the rest of the class or to administer an oral rather than written exam. Exams missed for non-approved reasons will result in a 0 for that exam and the student will not be allowed to make-up the points associated with that exam.

Group Presentation: Working in groups of 2 (or possibly 3 if there is an odd number of students), students will prepare a 4-5 minute presentation outlining an equine athletic discipline that will be assigned to them in class on January 15 (presentations in lab on January 29 and 31). The goal of this assignment is to familiarize students with a variety of equine athletic disciplines including the purpose of the sport, types of activities included in the sport, basic rules and other important information about the sport.

Term Project: There will be 1 written individual research project about an exercise physiology topic of the student’s choice. Each student will be expected to base his/her paper on scientific, peer-reviewed research, although information from other credible sources is welcome and encouraged. Dr. Urschel will read drafts and provide feedback up to 5 pm on March 21, 2014. Specific details relating to this assignment will be discussed in the early part of the semester.
Lab write-ups and written assignments: Most laboratories will have an accompanying written assignment to ensure student attendance and participation in all laboratory activities. Some laboratory assignments may have a more extensive written component, involving calculations or diet formulation or the review and critique of scientific literature. The specific details regarding each laboratory assignment (and the assessment criteria) will vary from week to week and will be provided during the laboratory period. Unless otherwise specified, all written assignments will be due 1 week after they were assigned during the lab period. Other small assignments may also be assigned throughout the term, including reading scientific papers and answering questions, discussing topics related to equine science both in class and online and creating study guide questions for the Final Exam (the cumulative questions for the Final exam will be selected from the student-written study guide questions), and details relating to these assignments will be provided in class.

Grading Scale:
The scale for grades is shown below (based on 600 total available points):

A (Exceptionally high achievement) = 90 – 100% (540 – 600 points)
B (High achievement) = 80 – 89% (480 - 539 points)
C (Average achievement) = 70 – 79% (420 – 479 points)
D (Minimum passing grade) = 60 – 69% (360 – 419 points)
E (Failing) = < 60% (< 360 points)

*Note the exact cut-offs for each letter grade may vary slightly depending on the performance of the class, but falling within each of those ranges above will guarantee you of at least that grade.

Exam Dates:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date and Time</th>
<th>Material Covered</th>
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<tbody>
<tr>
<td>Exam 1</td>
<td>February 17, 2014; 9 – 9:50 am</td>
<td>January 15 – February 12 lectures and labs</td>
</tr>
<tr>
<td>Exam 2</td>
<td>April 2, 2014; 9:00 – 9:50 am</td>
<td>February 19 – March 31 lectures and labs</td>
</tr>
<tr>
<td>Exam 3</td>
<td>May 7, 2014; 8:00 am – 10:00 am</td>
<td>April 7 - 30 lecture and labs (75%) and cumulative (25%)</td>
</tr>
</tbody>
</table>
Assignment Due Dates:

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Due Date and Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group presentation</td>
<td>PowerPoint slides and summary sheet to be submitted on Blackboard by 5 pm January 28 (Wednesday lab) or 30 (Friday lab); 5 minute presentations in lab on January 29 and 31, 2014</td>
</tr>
<tr>
<td>Term assignment- final version</td>
<td>March 26, 2014; due at 9:00 am (in class)</td>
</tr>
<tr>
<td>Lab write-ups and other small assignments</td>
<td>Due throughout the semester as indicated on each individual assignment. These will generally due 1 week after they were assigned (or immediately following the laboratory activity). Attendance in class/lab is critical in ensuring that you receive information regarding all assignments and due dates.</td>
</tr>
</tbody>
</table>

Course Policies:

Attendance: In order to be successful in ASC 410G, good attendance is essential. There is no assigned textbook for this course and therefore, you will need to attend lectures in order to get the course information. Not being present in class when the material is covered will not be accepted as an excuse for not knowing the material, so if you plan to miss a lecture, make sure that you make arrangements with a classmate to get copies of the lecture notes and information discussed. Although some PowerPoint slides may be made available on Blackboard, these slides will likely not be complete and you will be responsible for knowing not only the information written on the PowerPoint slides, but also the material discussed in class relating to the content on the slides. We reserve the right to take in class attendance periodically and attendance (or lack thereof) may be a deciding factor in allocating final grades, particularly in cases where a student may be on borderline between 2 letter grades.

Students need to notify Dr. Urschel of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor. Requests for excused absences (for quizzes, exams and assignments) must be e-mailed to Dr. Kristine Urschel as soon as possible, but no later than the first class meeting following the absence. Dr. Urschel will respond to your e-mail to indicate whether or not the absence is excused, and how the missed work may be made up (if applicable).

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than
the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.

**Late assignments**: Assignments must be submitted **on time as specified** (ie. in hard copy form or through Blackboard), in order to receive full credit. If a student has an excused absence for the due date/time of the assignment, then the assignment must be submitted immediately upon returning to campus, or via e-mail/Blackboard as applicable. In the case of assignments to be submitted via Blackboard, it is advisable to have a draft version uploaded well in advance of the submission deadline time, so that in the event that Blackboard experiences technical difficulties, I will be able to see evidence that you were working on the assignment in advance of the due date/time. **Handing in assignments via e-mail for reasons other than an excused absence is not acceptable**, so please make sure your printer has ink or that you know how to print from the library computers before the day that the assignment is due.

Late assignments will lose 10% of the total points available for each day late. Assignments will **not** be accepted after the 5th day late (including weekends- the assignment can be submitted via e-mail with the hard copy delivered to Dr. Urschel before 8 am Monday morning).

**Academic integrity**: Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: [http://www.uky.edu/Ombud](http://www.uky.edu/Ombud). A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online [http://www.uky.edu/StudentAffairs/Code/part2.html](http://www.uky.edu/StudentAffairs/Code/part2.html)) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.
When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student’s assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Statement of academic integrity: On all assignments or exams, the students will be required to write and/or sign the following statement: “By signing this document I pledge on my honor that I have neither provided nor received aid that would constitute as plagiarism and/or cheating on this exam/assignment.”

Classroom and learning accommodations: If you have a physical or learning disability, please make an appointment to see me as soon as possible to discuss things that can be done to help insure your academic success in this class. In order to receive academic accommodations in this course, you will need documentation from the Disability Resource Center (257-2754, Room 2 Alumni Gym, jkarnes@uky.edu).

Classroom behavior:
Cell phones/pagers must be turned off during the class. If a student leaves the class to take a call during class time, he/she will not be permitted to return to class. Students are expected not to text message or email during class and failure to comply will result in a loss of classroom attendance/participation points for that class.

Talking during class: Asking questions during the lecture and generating discussion relating to the course material is encouraged; however, the questions and discussion must be on topic and directed to the entire class (or discussion group). Side conversations while the instructor or other classmates are speaking is not only rude, but also distracting others in the class. Students disrupting the class by talking while the instructor and/or classmates are talking will be asked to leave.

Food and drink: It is fine to have a (non-alcoholic) drink with you in class. Food will be permitted prior to the start of the class, but is not permitted during the class because it can be
distracting. If you do choose to bring food or a drink into the classroom, please make sure that you remove all containers and wrappers when you leave.

Common courtesy/respect: Everyone in the class is to be treated with respect. Treat others as you expect to be treated. Respect includes not interrupting anyone, focusing your attention on the classroom activities (not reading notes for another class, checking your e-mail, etc.), not creating any distractions through your behavior, cleaning up after yourself before you leave the classroom and not making any personal or demeaning comments to any participants in the class.
## Lecture Topics Schedule:

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture topic (tentative schedule)</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>W January 15</td>
<td>Introduction to ASC 410G; assignment of groups and topics for group</td>
<td>Urschel</td>
</tr>
<tr>
<td></td>
<td>presentations</td>
<td></td>
</tr>
<tr>
<td>M January 20</td>
<td>Martin Luther King Day- No class</td>
<td>***</td>
</tr>
<tr>
<td>W January 22</td>
<td>Horses as athletes</td>
<td>Urschel</td>
</tr>
<tr>
<td>W Jan 22 (lab) or F Jan 24 (lab)</td>
<td>Methods to study exercise in horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>M January 27</td>
<td>Energy metabolism</td>
<td>Urschel</td>
</tr>
<tr>
<td>W January 29</td>
<td>Muscle contraction</td>
<td>Urschel</td>
</tr>
<tr>
<td>M February 3</td>
<td>Muscle response to exercise in horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>W February 5</td>
<td>Diseases and conditions affecting muscle in horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>W Feb 5 (lab) or F Feb 7 (lab)</td>
<td>Feeding the athletic horse</td>
<td></td>
</tr>
<tr>
<td>M February 10</td>
<td>Feeding the athletic horse</td>
<td>Urschel</td>
</tr>
<tr>
<td>W February 12</td>
<td>Overview of nutrition computer lab</td>
<td>Urschel</td>
</tr>
<tr>
<td>M February 17</td>
<td>**Exam #1 (Material covered in lecture and lab from January 15 – <strong>February 12, 2014 + Labs)</strong></td>
<td>***</td>
</tr>
<tr>
<td>W February 19</td>
<td>Medication use in athletic horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>W Feb 19 (lab) or F Feb 21 (lab)</td>
<td>Circulatory system physiology in exercising horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>M February 24</td>
<td>Circulatory system physiology in exercising horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>W February 26</td>
<td>Respiratory system physiology in exercising horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>M March 3</td>
<td>Disorders of the circulatory and respiratory system affecting athletic performance</td>
<td>Urschel</td>
</tr>
<tr>
<td>W March 5</td>
<td>Thermoregulation in athletic horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>M March 10</td>
<td>Thermoregulation in athletic horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>W March 12</td>
<td>Skeletal physiology in exercising horses</td>
<td>Urschel</td>
</tr>
<tr>
<td>M March 17</td>
<td>Spring Break- No class</td>
<td>***</td>
</tr>
<tr>
<td>W March 19</td>
<td>Spring Break- No class</td>
<td>***</td>
</tr>
<tr>
<td>M March 24</td>
<td>Conditioning for athletic performance</td>
<td>Urschel</td>
</tr>
<tr>
<td>W March 26</td>
<td>Conditioning for athletic performance</td>
<td>Urschel</td>
</tr>
<tr>
<td>M March 31</td>
<td>Conditioning for athletic performance</td>
<td>Urschel</td>
</tr>
<tr>
<td>W April 2</td>
<td><strong>Exam #2 (Material covered in lecture and lab from February 19 – March 31, 2014 + Labs)</strong></td>
<td>***</td>
</tr>
<tr>
<td>M April 7</td>
<td>Breeding herd  mares</td>
<td>Coleman</td>
</tr>
<tr>
<td>W April 9 (lecture)</td>
<td>Breeding herd – mares</td>
<td>Coleman</td>
</tr>
<tr>
<td>W April 9 (lab) or F April 11 (lab)</td>
<td>Foaling preparation</td>
<td>Coleman</td>
</tr>
<tr>
<td>M April 14</td>
<td>Breeding herd - stallions</td>
<td>Coleman</td>
</tr>
<tr>
<td>W April 16</td>
<td>Breeding herd - stallions</td>
<td>Coleman</td>
</tr>
<tr>
<td>M April 21</td>
<td>Breeding farm management</td>
<td>Coleman</td>
</tr>
<tr>
<td>W April 23</td>
<td>Reproductive efficiency</td>
<td>Coleman</td>
</tr>
<tr>
<td>M April 28</td>
<td>Reproductive efficiency</td>
<td>Coleman</td>
</tr>
<tr>
<td>W April 30</td>
<td>Body condition score and reproduction</td>
<td>Coleman</td>
</tr>
</tbody>
</table>

* Note: although exam and assignment due dates will not change, the topic of each lecture is subject to change based on progress through the topics. If significant changes to the original outline of topics occur, a modified list of lecture topics will be made and distributed in class.
# Laboratory Schedule:

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture topic (tentative schedule)</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>W January 15/ F January 17</td>
<td>No lab</td>
<td>***</td>
</tr>
<tr>
<td>W January 22/ F January 24</td>
<td>Lecture (see lecture schedule)</td>
<td>A7 Ag North</td>
</tr>
<tr>
<td>W January 29/ F January 31</td>
<td>Group presentations</td>
<td>A7 Ag North</td>
</tr>
<tr>
<td>W January 5/ F February 7</td>
<td>Lecture (see lecture schedule)</td>
<td>A7 Ag North</td>
</tr>
<tr>
<td>W February 12/ F February 14</td>
<td>Nutrition lab</td>
<td>Agriculture Information Center Training Room</td>
</tr>
<tr>
<td>W February 19/ F February 21</td>
<td>Lecture (see lecture schedule)</td>
<td>A7 Ag North</td>
</tr>
<tr>
<td>W February 26/ F February 28</td>
<td>Field trip #1</td>
<td>Meet in parking lot of Garrigus Building</td>
</tr>
<tr>
<td>W March 5/ F March 7</td>
<td>Field trip #2</td>
<td>Meet in parking lot of Garrigus Building</td>
</tr>
<tr>
<td>W March 12/ F March 14</td>
<td>No Lab (time to be used to work on term project)</td>
<td>****</td>
</tr>
<tr>
<td>W March 19/ F March 21</td>
<td>Spring break- No lab</td>
<td>****</td>
</tr>
<tr>
<td>W March 26/ F March 28</td>
<td>Field trip #3</td>
<td>Meet in parking lot of Garrigus Building</td>
</tr>
<tr>
<td>W April 2/ F April 4</td>
<td>Field trip #4</td>
<td>Meet in parking lot of Garrigus Building</td>
</tr>
<tr>
<td>W April 9/ F April 11</td>
<td>Lecture (see lecture schedule)</td>
<td>A7 Ag North</td>
</tr>
<tr>
<td>W April 16/ F April 18</td>
<td>Reproduction lab- TBA</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>W April 23/ F April 25</td>
<td>Reproduction lab- TBA</td>
<td>Maine Chance Farm</td>
</tr>
<tr>
<td>W April 30/ F May 2</td>
<td>Reproduction lab- TBA</td>
<td>Maine Chance Farm</td>
</tr>
</tbody>
</table>

**The order of these labs is subject to change. Notice will be given as soon as possible when changes are necessary.**
Course Description: This course covers basic equine behavior and how to handle horses safely in a variety of management situations. Students will use their understanding of equine behavior to develop management strategies and practices for all classes of horse.

Prerequisite: EQM 101 (grade ‘C’ or better) and restricted to Equine Science and Management majors.

Learning Objectives:
1.) To become familiar with equine behavior and how it affects daily care, handling and training.
2.) To understand how horse behavior is affected by management
3.) To introduce young horses to ground work for future performance training

Instructor: Mary Rossano
Office: 611 W. P. Garrigus Bldg.
Phone: 859 257-7552
E-mail: Mary.Rossano@uky.edu

Office Hours: By appointment. Students can email, call or stop by the office of instructors to set up a mutually convenient time to meet. Most Monday, Tuesday, Wednesday, Thursday and Friday afternoons Dr. Rossano will be teaching labs at Maine Chance Farm.

Lectures: There will be one 50-minute lecture per week on Tuesday 9:30 - 10:20 am, in Room B52 W. P. Garrigus.

Laboratory:
Laboratory sessions are 3 hours per week and are scheduled for Monday, Tuesday, Wednesday, Thursday and Friday at 1:00 - 3:50 pm. Each student in the class will be enrolled in one of these sections. Unless otherwise announced, lab will be held at Maine Chance Farm. Students are required to provide their own transportation to the lab periods. Closed-toed shoes are mandatory for working with horses, and students are encouraged to bring appropriate clothing for cold, wet or muddy conditions when they occur. When you have finished working with your horse, you will be responsible for turning it out and cleaning its stall. Please do not bring dogs to lab, and obtain permission from Dr. Rossano before bringing visitors to the farm. In keeping with UK’s tobacco-free policy, tobacco may not be used at the farm.

Warning:
Under Kentucky Law, a farm animal activity sponsor, farm animal professional, or other person does not have the duty to eliminate all risks of injury of participation in farm animal activities. There are inherent risks of injury that you voluntary accept if you participate in farm animal activities. KRS 247.4027

Text: There is no required text book for this course. All of the class notes, handouts, reading assignments, etc. will be posted on Blackboard or distributed in class.

Academic Honesty Policy: Cheating, plagiarism or other academic dishonesty is a violation of academic standards and University policy. Students who commit academic dishonesty will be subject to having the incident reported on their academic record and may receive an E for the class.
Students with disabilities:
If you need individual accommodations to meet course objectives because of a documented disability, please make an appointment with me to discuss your needs as soon as possible so that we can ensure your full participation in class and fair assessment of your work. Please provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Laptops and other electronic devices:
Laptops and tablet devices may not be turned on during lectures. Cell phones must be on silent during class.

Course Material:
The material covered in this course will focus on horse behavior and learning. Material will be presented in lecture and laboratory sessions that will include hands-on activities and demonstrations. Some course material may be presented by guest lecturers.

Grading:
Final grade in the course will be made up of one mid-term exam, attendance and communication regarding your horse’s training progress via a Blackboard discussion thread, a final laboratory practical and a comprehensive final exam.

Exam 1  March 11  100 points (20%)
Final Exam  May 6  150 points (30%)
Attendance and communication  150 points, (6 horse handling labs @ 25 points each) (30%)
Clickers, other labs and in-class work  50 points (10%)
Laboratory practical  50 points (10%)
Total  500 points

Grades will be based on the percentage of total points accumulated and awarded as follows:
Grades:
A = ≥90%
B = 80-89.9%
C = 70-79.9%
D = 60-69.9%
E = < 60%

Exam 1 - Tuesday, March 11th at 9:30 am in B52 Garrigus Bldg. This test will include lecture and lab material covered in classes Jan 21 – March 4th.

Final Exam - Tuesday, May 6th, 8:00 am in B52 W. P. Garrigus Bldg. This is a comprehensive exam. It will cover the lecture and related lab material from the entire semester. Students will have 2 hours for the final exam.

Exams must be taken at the time administered unless a valid, documented excuse is provided. The UK governing regulations describe the valid excuses. Exams missed without a valid excuse will receive a 0 grade. This policy also holds for quizzes and missed laboratories.
Textbook: There is no required text book for this course. For certain topics, handouts will be distributed in class and lecture slides will be posted to Blackboard. Be sure to check your system to make sure you have everything in place to use Blackboard successfully. Go to the Getting Started tab at the Bb9 student page to do this: http://wiki.uky.edu/blackboard/Wiki%20Pages/Bb9%20Student%20Menu.aspx.

Attendance and Communication:

The 150 points awarded for attendance and communication will be associated with the laboratory portion of the class. Attendance is critical for your success in this class, and communication with the others who will be assigned to the same horse is also vital.

A Blackboard discussion thread will be established for each horse used in the class, and the students assigned to a given horse will be required to describe what the training goal for the day was, the progress made, any problems encountered and what was done to attempt to solve the problem.

Discussion board entries need to be made by 10:00 am the day after you worked with your horse. For each day the entry is late, 5 points will be deducted from your 25 possible points, and after 2 days you will receive a 0.

Here is an example of how points are lost by not posting promptly:

1. Work with horse in lab on Tuesday – no points earned yet.
2. Post to the discussion board by 10:00 am on Wednesday = 25 points.
3. Post after 10:00 on Wednesday = 20 points.
4. Post Thursday by 10:00 am = 15 points.
5. Post after 10:00 on Thursday = 0 points.

Before attending lab, each student must check the recent discussion entries for their horse so that they can maintain continuity with the horse’s training. A student who must miss lab for an excused absence should attempt to switch lab dates with someone else assigned to that horse if possible.

If you do not attend lab and fail to notify Dr. Rossano by 11:00 am of that day, 25 points will be deducted from your total points for the course. If you have to miss lab (for an excused absence or other reason), notify her by email before the deadline to avoid this penalty to your grade.

Clickers: you will need a “clicker” (TurningPoint response card) for lecture participation. On most days, there will be 1-3 questions asked during lecture for which you may receive 1 point each. Once you reach 20 points you will “max out” your clicker points, but Dr. Rossano reserves the right to include points exceeding 20 as extra credit. The clicker must be registered to you through Blackboard. It is your responsibility to remember to bring it to class and make sure it is in working order (check the battery). For more information on clickers, visit this link: http://www.uky.edu/acadtrain/turningpoint/students
## EQM 105  Equine Behavior and Handling  Spring 2014

### Tentative Lecture Schedule

<table>
<thead>
<tr>
<th>Dates</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 21</td>
<td>Course introduction</td>
</tr>
<tr>
<td>Jan 28</td>
<td>Behavior terminology</td>
</tr>
<tr>
<td>Feb 4</td>
<td>Natural behaviors</td>
</tr>
<tr>
<td>Feb 11</td>
<td>Horse learning</td>
</tr>
<tr>
<td>Feb 18</td>
<td>Horse learning, continued</td>
</tr>
<tr>
<td>Feb 25</td>
<td>Operant conditioning</td>
</tr>
<tr>
<td>Mar 4</td>
<td>Common training techniques</td>
</tr>
<tr>
<td>Mar 11</td>
<td><strong>Exam 1 - 9:30 am, Room B52 W. P. Garrigus Bldg.</strong></td>
</tr>
<tr>
<td>Mar 18</td>
<td>No class – Spring Break</td>
</tr>
<tr>
<td>Mar 25</td>
<td>Training and equipment issues</td>
</tr>
<tr>
<td>Apr 1</td>
<td>Abnormal behaviors - stereotypies</td>
</tr>
<tr>
<td>Apr 8</td>
<td>Equine social relationships</td>
</tr>
<tr>
<td>Apr 15</td>
<td>Domestication and horse welfare</td>
</tr>
<tr>
<td>Apr 22</td>
<td>Managing horses – behavioral considerations</td>
</tr>
<tr>
<td>Apr 29</td>
<td>Last day of class – review and catch-up</td>
</tr>
<tr>
<td>May 6</td>
<td><strong>Final Exam – 8:00 am, Room B52 W. P. Garrigus Bldg.</strong></td>
</tr>
</tbody>
</table>
**Tentative Laboratory Schedule**

Monday, Tuesday, Wednesday, Thursday and Friday, 1:00 - 3:50 am  
*The lab schedule is tentative due to possible weather complications.*

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 20-24</td>
<td>No labs this week</td>
</tr>
<tr>
<td>Jan 27-31</td>
<td>No labs this week</td>
</tr>
<tr>
<td>Feb 3-7</td>
<td>No classroom lab – read articles on Blackboard</td>
</tr>
<tr>
<td>Feb 10-14</td>
<td>Horse handling videos, class discussion – on campus, check announcements in class</td>
</tr>
<tr>
<td>Feb 17-21</td>
<td>Equine assisted leadership training demonstration – Maine Chance Farm</td>
</tr>
<tr>
<td>Feb 24-28</td>
<td>Horse handling and restraint techniques – Maine Chance Farm</td>
</tr>
<tr>
<td>Mar 4-7</td>
<td>Horse handling, evaluations of horses – Maine Chance Farm</td>
</tr>
<tr>
<td>Mar 10-14</td>
<td>Training sessions – Maine Chance Farm</td>
</tr>
<tr>
<td>Mar 17-21</td>
<td><strong>No labs – Spring Break</strong></td>
</tr>
<tr>
<td>Mar 24-28</td>
<td>Training sessions – Maine Chance Farm</td>
</tr>
<tr>
<td>Mar 31-Apr 4</td>
<td>Training sessions – Maine Chance Farm</td>
</tr>
<tr>
<td>Apr 7-11</td>
<td>Training sessions – Maine Chance Farm</td>
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<tr>
<td>Apr 14-18</td>
<td>Training sessions – Maine Chance Farm</td>
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<tr>
<td>Apr 31-25</td>
<td>Training sessions – Maine Chance Farm</td>
</tr>
<tr>
<td>Apr 28-May 2</td>
<td>Laboratory practical exam – Maine Chance Farm</td>
</tr>
</tbody>
</table>
EQM 106: INTRODUCTION TO CAREERS IN THE EQUINE INDUSTRY
College of Agriculture
Course Syllabus – Spring 2014

Class Times: 4:00 – 4:50 Monday
Classroom: N-12 AGN
Office Hours: 9:00 – 10:30 M-F
& by appointment

Lecturer: Elizabeth LaBonty
Office: N 212D Ag Science North
Phone: 859-351-3558
Email: elizabeth.labonty@uky.edu

Course Description

This course will introduce students to more than 30 equine industry related jobs using local contacts. Students will also learn about benefits including insurance, retirement, 401K plans, housing, time off, etc. and they will study different careers in relation to Myers-Briggs personality types.

Materials

Class handouts, assignments, and guest lecturer materials

Course Objectives

Upon completion of this course, students will be able to:
• Evaluate over 30 equine related careers
• Describe and compare different benefits packages
• Develop a personal budget for different salaries
• Profile different careers based on Myers-Briggs personality types and skills needed

Grading

60% Attendance (Measured by In-class Activities & Daily Questions)
30% Job Shadow & Presentation
10% Final (April 22, in class)
100% Final Grade

≥90 % = A
80-89 = B
70-79 = C
60-69 = D
≤59 % = F

• Late work will not be accepted and there are no make-up quizzes/questions. Any missed in class activities will count as your dropped score.
  • Daily speaker questions must be handed in during class and typed to be graded.
• If you have an emergency you must contact me the day of the assignment or have it post marked.
• If you miss class you are responsible for the material and assignments you miss.
Academic Integrity

Academic dishonesty will not be tolerated in any form. The minimum penalty will be receiving a zero; however appropriate disciplinary action will be determined by the appropriate College officials. Please remember that cheating constitutes both taking and giving assistance during quizzes and exams. Note: any assignment you turn in may be submitted to Turnitin for plagiarism comparison. Please refer to the following excerpt from the UK Student Code of Conduct.

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6.3.1 – Plagiarism: All academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about a question of plagiarism involving their work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgment of the fact, the students are guilty of plagiarism.

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**Academic Accommodations**

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**Classroom Policies**

- Our class will function as a professional environment and your communication and interactions are expected to conform to professional norms.
- Tardiness will not be accepted.
- Cell phones SHOULD NEVER BE HEARD DURING CLASS, either in their ring or vibrating modes. TURN OFF YOUR PHONE BEFORE YOU COME THROUGH THE DOOR.
- Computers are not allowed in class.
- Courtesy and respect for everyone is mandatory. When others are speaking, listen.
- On the days of your presentations, you are expected to dress professionally. This requirement does not necessarily mean suits (although you’re welcome to wear one), but it does mean neatness and professionalism. NO JEANS!

**First Assignment**

Personality Profile Assignment: Please visit the following website before the next class: [http://www.humanmetrics.com/cgi-win/JTypes2.asp](http://www.humanmetrics.com/cgi-win/JTypes2.asp) and answer the questionnaire. Bring your 4-letter profile type with you to class on Monday, February 3rd.
**EQM205 - EQUINE CAREER PREPARATION CLASS**
Equine Science & Management Degree
Course Syllabus

**Class Time:** 12:00 – 12:50
**Classroom:** N10 Ag Science North
**Office Hours:** By appointment

**Instructor:** Elizabeth LaBonty
**Office:** N212 D Ag Science North
**Phone:** 859-351-3558
**Email:** elizabeth.labonty@uky.edu

**Course Description**
This course will prepare students for careers in the Equine Industry by teaching them to prepare for, find, and apply for equine related jobs. It will also help teach them about planning for and designing their own business along with related marketing, employee relations, tax issues.

**Materials**
- Handouts
- Lectures

**Course Objective**
Upon completing this course, students will be able to:
- Identify and evaluate prospective jobs
- Develop a cover letter and resume for specific jobs
- Network effectively and interview successfully
- Create a business card and application portfolio
- Manage a community service project and give weekly reports on its progress
- Write a professional thank you card
- Identify business cycle and analyze different components of a business plan

**Grading**
- 30% In-class Assignments (drop the lowest one)
- 20% Service Learning Project
- 30% Portfolio
- 20% Final: Mock Interviews
- 100% Final Grade

\[
\begin{align*}
\geq 90 \% & = A \\
80-89 & = B \\
70-79 & = C \\
60-69 & = D \\
\leq 59 \% & = E
\end{align*}
\]

- Late work will not be accepted and there are no make-up quizzes/questions. Any missed in class activities will count as your dropped score.
- Daily speaker questions must be handed in during class and typed to be graded.
- If you have an emergency you must contact me the day of the assignment or have it post marked.
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**Academic Integrity**

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**Academic Accommodations**

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Classroom Policies

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- Computers are not allowed in class.
- Courtesy and respect for everyone is mandatory. When others are speaking, listen.
- On the days of your presentations, you are expected to dress professionally. This requirement does not necessarily mean suits (although you’re welcome to wear one), but it does mean neatness and professionalism. NO JEANS!

Dream Job Assignment

On a sheet of paper, type out:
- Your name
- Ideal job title
- Business name
- Address
- Job duties/responsibilities (in detail)
- Desired qualifications

Class Topics

- Job Searching – Where, how, websites, broad vs. specific
- Networking – what is it, how to do it effectively
- Resumes – Types, targeted, power verbs
- Resumes – Evaluating, comparing, delivering
- Work Portfolios – Work, School, Internship
- Cover Letters – Format, targeting, comparing
- Thank you cards – Format, who, delivery
- Interview – Tips, what to expect, dress, location
- Interview – Research, Q & A, preparing
- Industry involvement – Time management, organizations, membership, dues
- Planning a business – Mission statement, marketing, promoting, business plan
- Planning a business – SWOT analysis, facility design, cost
- Community Service Presentations
- Community Service Presentations
- Mock Interviews
- Mock Interviews
Course Description

This course will introduce students to the thoroughbred sales industry. Students will learn about the different regional and targeted markets as well as the sales process from sales prepping to being auctioned off. Students will learn about the different sales organizations and the different roles of individuals at the sales including consignors, auctioneers, sales companies, veterinarians, owners, pinhookers, and bloodstock agents. Students will also be introduced to the legal aspects of thoroughbred sales from contracts to insurance to financial transactions and conditions of sale.

Prerequisite: EQM 101 or consent of instructor.

Materials

Class handouts, assignments, and guest lecturer materials

Student Learning Outcomes

Upon completing this course students will be able to:

- Define and understand sales terminology
- Attend the Keeneland April 2 year old in training under tack work outs and sale
- Research and prepare a complete bloodstock evaluation and recommendation of 4 2yo sale horses
- Identify the different roles involved in the Thoroughbred Sales including owners, buyers, consignors, auctioneers, bloodstock agents and veterinarians
- Read and understand a catalogue page
- Explain the different sales markets
- Explain the different factors that affect sale prices

Grading

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>65%</td>
<td>Daily Grades (Measured by In-class Activities, Assignments &amp; Daily Questions)</td>
</tr>
<tr>
<td>15%</td>
<td>Bloodstock Evaluation and Recommendation Report</td>
</tr>
<tr>
<td>20%</td>
<td>Final (due Finals Week)</td>
</tr>
<tr>
<td>100%</td>
<td>Final Grade</td>
</tr>
</tbody>
</table>

≥90% = A
80-89.9 = B
70-79.9 = C
60-69.9 = D
≤59.9% = E
Grading con’t

- Late work will not be accepted and there are no make-up quizzes/questions except for excused absences (See Below). Any missed in class activities will count as your dropped score.
  - When speaker questions are used at the in-class activity they must be **handed in during class and typed** to be graded.
- If you have an emergency you must contact me the day of the assignment or have it post marked.
- If you miss class you are responsible for the material and assignments you miss.
- Mid-term grades (determined by Daily grades) will be posted in myUK by the deadline established in the Academic Calendar [http://www.uky.edu/Registrar/AcademicCalendar.htm](http://www.uky.edu/Registrar/AcademicCalendar.htm)

Excused Absences:

Students need to notify the professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

Academic Integrity

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**Semester Topics**

- Week 1 – Sales Terminology, Catalogues
- Week 2 – History of TB Sales
- Week 3 · Keeneland
- Week 4 · Fasig-Tipton
- Week 5 · Markets
- Week 6 · Sale Prepping
- Week 7 · Catalogue placement, Conditions of sale
- Week 8 · Vets at sales
- Week 9 · Consignors
- Week 10 · Owners/Buyers
- Week 11 · Bloodstock Agents, Pedigrees
- Week 12 · Auctioneers
- Week 13 · Behind the scenes, RNA, Repository, X-Rays
- Week 14 · New regulations
- Week 15 · Health and wellness of sale horses
- Week 16 · Conformation
This course will introduce students to Equine Event Planning. Students will learn about the process, marketing, organization, management, finances, legalities, and steps involved in planning an event. They will also be responsible for putting on an event as a class.

Materials

Class handouts, assignments, and guest lecturer materials

Course Objectives

Upon completing this course, students will be able to:

- Describe the different types of events in the equine industry
- Explain the steps involved in planning an event
- Outline a timeline and write goals and objectives for an event
- Run an event planning meeting and give a committee update
- Design a flyer for an event
- Create and track an event budget
- Solicit a price bid from a company

Grading

50% Attendance
(Measured by In-class Activities, Assignments & Daily Questions)
30% Project participation
20% Final (April 25th, in class)
100% Final Grade

≥90% = A
80-89  = B
70-79  = C
60-69  = D
≤59%  = F

- Late work will not be accepted and there are no make-up quizzes/questions. Any missed in class activities will count as your dropped score.
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Topic List

- Creating goals & objectives
- Planning & meetings
- Event Elements (5 senses)
- Types of events (educational, competition, fundraisers, etc.)
- Marketing
- Budgeting
- Communications
- Registration
- Logistics
- Legal components (insurance, contracts, etc.)
- Trouble shooting
- Event re-cap
EQM 351
Equine Health and Disease
Course Syllabus

Lectures MWF 9:00 AM – 9:50 AM at B-52 Garrigus Bldg

Instructor
Dr. Fernanda Camargo
610 WP Garrigus Bldg
Animal Science
Email: Fernanda.Camargo@uky.edu
Phone: 257-7525
Mailbox: Located on the 6th floor of the Garrigus Bldg.
Office hours by appointment (email)

Textbook (not required)
Equine Infectious Diseases, 2nd edition, Sellon and Long, Saunders, 2013 (strongly recommended)
Equine Infectious Diseases, Sellon and Long, Saunders, 2007 (strongly recommended)

Course Description
A study of infectious and noninfectious (metabolic, developmental, nutritional, toxicological, allergic, etc) diseases common to the horse. Principles of Pathophysiology, manifestation, prevention, and control of equine disease will be emphasized. Etiology, etiologic agent biology, epidemiology, and public health implications of specific diseases will be covered where appropriate. The majority of course content is organized through the manifestation of disease by major organ systems.

Learning Outcomes:
At the end of the semester, students will be able to:
1. Describe and discuss the immune system of the horse and how vaccination programs affect the horse’s immunity and provides disease protection
2. Describe and discuss the common diseases affecting the horse
3. Describe and discuss the common parasites, both internal and external, of the horse
4. Develop and evaluate management practices that can be used for breeding operations, training and showing enterprises and the recreation horse to ensure healthy horses.

These learning outcomes will be achieved by lectures, invited presentations by industry professionals and class discussions.

Grades
Grades will be based upon the following format:
There will be 3 exams, each of which will be worth 100 points, and the last one will be cumulative.
I will not curve the grades, students will receive:

A: 100-90%
B: 89-80%
C: 79-70%
D: 69-60%
E: Less than 60%

Class Attendance
I will take attendance for this class.

I expect a lot from you. You should be spending at least 2 hours working on this material for each hour we spend in class, which means at least 6 hours per week studying outside of class. This class will require a good deal of effort on your part to make an A. An A is given to excellent work, while C is given for average work. It is entirely up to you to decide how much or how little you will put into the class.

It is highly recommended that you attend the classes for this course. Class attendance is critical to your academic success, and it is a University of Kentucky policy and expectation that you attend class. If you cannot attend class for any reason, it is your responsibility to contact me and present documentation for your absence. Absences due to serious illness (e.g. hospitalization or surgery) or death within your immediate family are recognized by the University of Kentucky as excused absences, and documentation must be presented. For UK related trips, you must provide a written notice signed by the instructor or coach IN ADVANCE of the event or scheduled exam.

Questions, Problems or Suggestions
If you have difficulty with the course material or other problems(s) that affect your grade(s) or class participation, you must communicate your difficulty to me as soon as possible. I understand this is very comprehensive course, and I will work with you to help you successfully complete the course.

Missed Exams:
You need to resolve missed exams in a timely fashion. If you won’t be able to take an exam on the scheduled day, due to excusable absences, as discussed above, you need to let me know within 1 week of the missing exam. For UK related trips, you must provide a written notice signed by the instructor or coach IN ADVANCE of the event or scheduled exam. If I don’t receive an excuse for your absence, your grade will be zero for that exam.

Academic Integrity
Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: cheating during a test, plagiarism (copying or using someone else’s work as your own), utilization of unauthorized materials during academic evaluations, etc. The offense will result in a zero for that assignment and may result in failure of the course.

Any work that you submit to me must be your own; in addition, any words, ideas, or data that you borrow from another person(s) and include in your work must be properly documented.
Note that any assignment you turn in may be submitted to Turnitin for plagiarism comparison. For more information, see Part II, Section 6.3 through 6.4.3 of the “Code of Student Conduct” www.uky.edu/StudentAffairs/Code/part2.html

**Classroom Behavior:**

It is poor behavior to chat with friends when the instructor or other students are speaking on topics related to the course. No one likes to be interrupted and your talking may distract others who are trying to learn. Reading newspapers or other non-class related materials is off-limits.

You are NOT allowed to use your laptop, phone, tablet, or any electronics in class.
EQM 351
Equine Health and Disease

The classes in this schedule are subject to change

<table>
<thead>
<tr>
<th>Lecture Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 15</td>
<td>Handing out syllabus</td>
</tr>
<tr>
<td>Jan 17 – Feb 19</td>
<td>Introduction to Immunology, Disease and Healing: Inflammatory Process, Wound Healing and Wound Management, Drug Therapy: Antimicrobial Agents and Anti-inflammatory agents, Drugs and the Performance Horse, Toxicology, Epidemiology, Equine Herpesvirus 1 and 4, Equine Influenza, Strangles/Purpura Hemorrhagica.</td>
</tr>
<tr>
<td>Jan 20</td>
<td>Martin Luther King Day – NO CLASS</td>
</tr>
<tr>
<td>Feb 21</td>
<td>Exam # 1</td>
</tr>
<tr>
<td>Feb 24 – Apr 2</td>
<td>Recurrent Airway Obstruction, Equine Infectious Anemia, Rabies, EPM and Wobbler, EEE, WEE, VEE, West Nile Virus, Rabies, Tetanus, Botulism, Skin Disorders, Diarrheas: Rotavirus and Foal Scours, Salmonella and Potomac Horse Fever.</td>
</tr>
<tr>
<td>Apr 4</td>
<td>Exam # 2</td>
</tr>
<tr>
<td>Apr 6 – May 2</td>
<td>Poisonous Plants, Vaccination Programs, Colic, Endotoxemia, Anhidrosis, Biosecurity, Piroplasmosis, EHV-1 neurological, Laminitis, Navicular.</td>
</tr>
<tr>
<td>May 5 at 10:30</td>
<td>Final Exam (cumulative)</td>
</tr>
<tr>
<td>May 2</td>
<td>MAKE UP EXAM</td>
</tr>
</tbody>
</table>
Instructor: R.J. Coleman Ph.D., PAS  
613 w.p. Garrigus Building  
(859) 257 – 9451  
rcoleman@uky.edu

Office hours: I maintain open office hours during the week but remember my other job is an Extension Specialist. I do travel during the week so may not be in my office when you just drop by. Students are advised to make an appointment rather than just dropping by. If you have questions or concerns regarding assigned work in the course, please make arrangements to see me. It is best to address little problems before they become big problems.

Course Description: Discussion of the major issues impacting today’s equine industry. Students will use concepts from core and discipline related courses to analyze a variety of scenarios related to the industry. The scenarios will range from production to enterprise management, but may also include issues that have the potential to impact all aspects of the industry.

Class Meetings: Class will meet Tuesday and Thursday 11:00 am -12:15 pm in Agricultural Science Building North room N10.

Prerequisites: Senior standing, major in the Equine Science and Management degree.

Learning Outcomes: The discussions in this course should reflect your experiences in the horse industry and your knowledge gained as a student at the University of Kentucky. Your experiences will help you to identify issues in the industry and your knowledge will aid in your ability to develop solutions or methods to deal with those issues.

1) To work effectively as a member of a team, assuming leadership roles as required.
2) To participate in discussions related to potentially sensitive issues affecting the industry.
3) After identifying an issue or problem, develop strategies to deal with the issue or problem
4) Communicate on both a formal or informal basis.
5) To respect the opinions of others when they differ from yours.

Required Textbook: Due to the nature of this course, there is no assigned textbook. There may be assigned readings from a variety of other sources such as scientific journals, web sites and industry publications.

Course Activities: This section will meet in room N10 Ag Science north at 11:00 – 12:15 pm on Tuesday and Thursday. The capstone course is based on in class discussions where student participation is expected.

Grading and Assignments:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class participation</td>
<td>50</td>
</tr>
<tr>
<td>Attendance</td>
<td>100</td>
</tr>
<tr>
<td>Assignments up to 150 points</td>
<td>150</td>
</tr>
<tr>
<td>Presentations</td>
<td>50</td>
</tr>
<tr>
<td>Final Project (paper (100) and presentation (50))</td>
<td>150 points</td>
</tr>
<tr>
<td></td>
<td>500</td>
</tr>
</tbody>
</table>
Attendance will be taken in each required class period. Students are expected to be in class but 2 unexcused absences are allowed. Each unexcused absence over the 2 allowed will result in a reduction of you attendance points by 25.

Assignments and activities in the course will be to evaluate issues in the industry and develop strategies for dealing with those issues or problems. Some of the assignments will be based on your own responses while others will be done as a team based activity. For activities done in a team setting students will be evaluated by the members of their team and this evaluation will contribute 10% of the grade for that activity.

There will be no final exam in this course. Instead of a final exam students will present a final project to the class and other invited guests. The final report will consist of the oral presentation and a written summary of the material presented. Presentations may be evaluated by other faculty and guests in attendance.

Grades:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>&gt; 450 points</td>
</tr>
<tr>
<td>B</td>
<td>400 - 449 points</td>
</tr>
<tr>
<td>C</td>
<td>350 - 399 points</td>
</tr>
<tr>
<td>D</td>
<td>315 - 349 points</td>
</tr>
<tr>
<td>E</td>
<td>&lt; 315 points</td>
</tr>
</tbody>
</table>

Class Participation:
In this course attending class and participation in the discussions are most important. In order to not disturb others in the class please have cell phones turned off. As this is a college class students are expected to be attentive to those presenting not reading or sending text messages.

Excused Absences:
Students need to notify the professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor. Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

Verification of Absences:
Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.
Academic Integrity:
Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed. Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: [http://www.uky.edu/Ombud](http://www.uky.edu/Ombud). A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Student Rights and Responsibilities:
(available online [http://www.uky.edu/StudentAffairs/Code/part2.html](http://www.uky.edu/StudentAffairs/Code/part2.html)) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission. When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student’s assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.
TENTATIVE CLASS SCHEDULE

**NOTE:** This course may not meet during each scheduled class period so this schedule is based on weeks rather than days. This is a tentative schedule and subject to change.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan 16</td>
<td>Course Orientation and Initial Industry Discussion</td>
</tr>
<tr>
<td>2</td>
<td>Jan 21, 23</td>
<td>Issues Affecting the Horse Industry</td>
</tr>
<tr>
<td>3</td>
<td>Jan 28, 30</td>
<td>Issues Affecting Horse Ownership Semester Project Discussion</td>
</tr>
<tr>
<td>4</td>
<td>Feb 4, 6</td>
<td>Issues Affecting Horse Production</td>
</tr>
<tr>
<td>5</td>
<td>Feb 11, 13</td>
<td>Issues Affecting Horse Production</td>
</tr>
<tr>
<td>6</td>
<td>Feb 18, 20</td>
<td>Structure in the Industry/Project Activities</td>
</tr>
<tr>
<td>7</td>
<td>Feb 25, 27</td>
<td>Structure in the Industry/Project Activities</td>
</tr>
<tr>
<td>8</td>
<td>Mar 4, 6</td>
<td>Equine Businesses</td>
</tr>
<tr>
<td>9</td>
<td>Mar 11, 13</td>
<td>Project Activities</td>
</tr>
<tr>
<td>10</td>
<td>Mar 18, 20</td>
<td>Spring Break</td>
</tr>
<tr>
<td>11</td>
<td>Mar 25, 27</td>
<td>Welfare and the Unwanted Horse</td>
</tr>
<tr>
<td>12</td>
<td>Apr 1, 3</td>
<td>Industry Discussions</td>
</tr>
<tr>
<td>13</td>
<td>Apr 8, 10</td>
<td>Industry Discussions</td>
</tr>
<tr>
<td>14</td>
<td>Apr 15, 17</td>
<td>Industry Discussions</td>
</tr>
<tr>
<td>15</td>
<td>Apr 22, 24</td>
<td>Project Activities</td>
</tr>
<tr>
<td>16</td>
<td>Apr 29, May 1</td>
<td>Course Wrap up</td>
</tr>
</tbody>
</table>

MAY 2ND LAST DAY OF CLASS
GEN 109: TOOLS AND TACK IN THE EQUINE INDUSTRY
SYLLABUS – FALL 2014
CLASSROOM LOCATION: N-12 AGN
CREDIT HOURS: 2

INSTRUCTORS
R.J. COLEMAN, PH.D., PAS
613 W.P. GARRIGUS BLDG
(859) 257-9451
rcoleman@uky.edu

KRISTEN M. WILSON, M.S.
N-212 AG SCIENCES
(859) 257-4610
kristen.wilson1@uky.edu

OFFICE HOURS:
BY APPOINTMENT OR BY CHANCE. IF YOU HAVE QUESTIONS REGARDING ANY OF THE ASSIGNED WORK IN THIS COURSE, PLEASE STOP BY ONE OF OUR OFFICES AND/OR EMAIL ONE OF US.

TEXTBOOK:
DUE TO THE NATURE OF THIS COURSE, THERE IS NO ASSIGNED TEXTBOOK. THERE WILL BE ASSIGNED READINGS FROM A VARIETY OF SOURCES.

LEARNING OUTCOMES:
UPON COMPLETION OF THIS COURSE STUDENTS WILL BE ABLE TO:

1 IDENTIFY AND DISCUSS BASIC TOOLS AND TACK USED IN THE HORSE INDUSTRY.
2 IDENTIFY AND DISCUSS TOOLS AND EQUIPMENT UTILIZED BY SPECIFIC BREEDS AND DISCIPLINES.

GRADING AND ASSIGNMENTS

CLASS PARTICIPATION & ATTENDANCE 100 POINTS
ASSIGNMENT #1 40 POINTS
ASSIGNMENT #2 60 POINTS
ASSIGNMENT #3 60 POINTS
ASSIGNMENT #4 20 POINTS
FINAL EXAM 120 POINTS
FINAL GRADE 400 POINTS TOTAL

ATTENDANCE WILL BE TAKEN IN CLASS PERIODICALLY. STUDENTS ARE EXPECTED TO BE IN CLASS BUT 2 UNEXCUSED ABSENCES IS ALLOWED. EACH UNEXCUSED ABSENCE OVER THE 1 ALLOWED WILL RESULT IN A REDUCTION OF YOU ATTENDANCE GRADE.
ASSIGNMENTS AND ACTIVITIES IN THE COURSE WILL BE TO EVALUATE THE TOOLS AND TACK USED WITHIN THE EQUINE INDUSTRY AND VARIOUS DISCIPLINES WITHIN IT. ALL ASSIGNMENTS WILL BE COMPLETED INDIVIDUALLY.

GRADES:

A = ≥ 360 points
B = 320-359 points
C = 280-319 points
D = 279-240 points
E = ≤ 239 points

ACADEMIC INTEGRITY

ACADEMIC Dishonesty will not be tolerated in any form. The minimum penalty will be receiving a zero; however, appropriate disciplinary action will be determined by the appropriate college officials. Please remember that cheating constitutes both taking and giving assistance during quizzes and exams. Note: Any assignment you turn in may be submitted to Turnitin for plagiarism comparison. Please refer to the following excerpt from the UK Student Code of Conduct.

ACADEMIC ACCOMODATIONS

IF YOU HAVE A DOCUMENTED DISABILITY THAT REQUIRES ACADEMIC ACCOMODATIONS, PLEASE US KNOW IMMEDIATELY. IN ORDER TO RECEIVE ACCOMODATION IN THIS COURSE, YOU MUST PROVIDE A LETTER OF ACCOMMODATION IN THIS COURSE FROM THE DISABILITY RESOURCE CENTER (ROOM 2, ALUMNI GYM, 257-2754, EMAIL ADDRESS: JKARNES@EMAIL.UKY.EDU) FOR COORDINATION OF CAMPUS DISABILITY SERVICES AVAILABLE TO STUDENTS WITH DISABILITIES.

CLASSROOM CONSIDERATIONS

Cell phones are to be put away during class periods. Ringers must be turned off during class. If set on vibration, place them where they will vibrate silently, not on a desk. As this is higher education, students are expected to spend class time engaged in the course materials not reading or sending text-messages.
**TENTATIVE CLASS SCHEDULE**

*NOTE: THIS IS A TENTATIVE SCHEDULE AND IS SUBJECT TO CHANGE.*

<table>
<thead>
<tr>
<th>WEEK</th>
<th>DATE</th>
<th>EVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/27</td>
<td>COURSE ORIENTATION</td>
</tr>
<tr>
<td>2</td>
<td>9/1</td>
<td>NO CLASS – LABOR DAY</td>
</tr>
<tr>
<td></td>
<td>9/3</td>
<td>TACK &amp; EQUIPMENT BASICS</td>
</tr>
<tr>
<td>3</td>
<td>9/8</td>
<td>SADDLES &amp; BRIDLES</td>
</tr>
<tr>
<td></td>
<td>9/10</td>
<td>SADDLES &amp; BRIDLES (CONTINUED)</td>
</tr>
<tr>
<td>4</td>
<td>9/15</td>
<td>NO CLASS – WELCOME BACK BBQ!!</td>
</tr>
<tr>
<td></td>
<td>9/17</td>
<td>BITS &amp; CURB CHAINS</td>
</tr>
<tr>
<td>5</td>
<td>9/22</td>
<td>BITS &amp; CURB CHAINS (CONTINUED)</td>
</tr>
<tr>
<td></td>
<td>9/24</td>
<td>ADDITIONAL RIDING TACK &amp; TOOLS</td>
</tr>
<tr>
<td>6</td>
<td>9/29</td>
<td>BLANKETS, BOOTS &amp; WRAPS</td>
</tr>
<tr>
<td></td>
<td>10/1</td>
<td>BLANKETS, BOOTS &amp; WRAPS (CONTINUED)</td>
</tr>
<tr>
<td>7</td>
<td>10/6</td>
<td>HORSE RACING – A TRAINER’S PERSPECTIVE</td>
</tr>
<tr>
<td></td>
<td>10/8</td>
<td>HORSE RACING – A JOCKEY’S PERSPECTIVE</td>
</tr>
<tr>
<td>8</td>
<td>10/13</td>
<td>HUNTER/JUMPERS</td>
</tr>
<tr>
<td></td>
<td>10/15</td>
<td>DRESSAGE</td>
</tr>
<tr>
<td>9</td>
<td>10/20</td>
<td>3 DAY EVENTING</td>
</tr>
<tr>
<td></td>
<td>10/22</td>
<td>SADDLEBREDS &amp; SADDLE SEAT RIDING</td>
</tr>
<tr>
<td>10</td>
<td>10/27</td>
<td>GAITED DISCIPLINES</td>
</tr>
<tr>
<td></td>
<td>10/29</td>
<td>GAITING DISCIPLINES (CONTINUED)</td>
</tr>
</tbody>
</table>
WEEK 11  11/3  WESTERN DISCIPLINES
           11/5  WESTERN DISCIPLINES (CONTINUED)
WEEK 12  11/10  STANDARDBREDS
            11/12  DRIVING
WEEK 13  11/17  DRIVING (CONTINUED)
            11/18  HORSE SHOES & FARRIER TOOLS
WEEK 14  11/24  HORSE SHOES & FARRIER TOOLS (CONTINUED)
            11/26  NO CLASS – HAPPY THANKSGIVING!
WEEK 15  12/1  POLO
            12/3  UNIQUE & MISCELLANEOUS ITEMS
WEEK 16  12/8  UNIQUE & MISCELLANEOUS ITEMS
            12/10  COURSE WRAP UP

FINAL EXAM – THURSDAY, DECEMBER 18, 2014 AT 1:00PM
INSTRUCTORS: Dr. R.J. Coleman, PAS  
                Phone: 257-9451  
                613 W.P. Garrigus Bldg  
                rcoleman@uky.edu  

                Dr. C. Jill Stowe  
                Phone (CEB): 257-7256  
                307 Barnhart Building – or –  
                Phone (AgN): 218-1652  
                307 Barnhart Building  
                N212-A Ag Sci North  
                jill.stowe@uky.edu

OFFICE HOURS: By chance or by appointment. To ensure our presence, please call or e-mail to arrange an appointment.

CLASS SCHEDULE: T/Th 9:30 – 10:45am; AgN-N10

PREREQUISITES: ECO 201, ASC 320

COURSE DESCRIPTION: This course examines the interaction between the physical design and business management of equine enterprises. Facility design needs and business planning will be investigated through the lens of a number of different types of enterprises, included boarding, training, and competition facilities. (3 credit hours)

COURSE OBJECTIVE: To apply budgeting, business planning, and physical operation needs to assess the feasibility of a variety of equine-related enterprises.

TEXTBOOK: Due to the nature of this course, there is no assigned textbook. There will be assigned readings from a variety of sources.

SPECIFIC LEARNING OUTCOMES: The successful student will:
1. Develop and apply budgeting procedures used to plan the business.
2. Evaluate facility requirements and management plans needed for various equine enterprises.
3. Understand and apply the financial and production records necessary for evaluation and control of the business.
4. Communicate the financial framework and physical arrangements of an equine enterprise in both written and oral formats.

LEARNING ACTIVITIES:

Lectures – Tuesday and Thursday class periods will be devoted to lecture/discussion format. Good questions and pertinent discussion points are encouraged.

Project - An independent class project will be required, and it may be completed individually or in teams of two. In this project, a business and facility plan is developed for an equine enterprise. The operation can be any equine enterprise such as a breeding farm, boarding stable, training facility, sales prep business, or horse show facility. A written report will be submitted, and an oral presentation will be given in class. The project description and guidelines are on page 4 of the syllabus.
ATTENDANCE POLICY:

Class attendance and participation are keys to learning and is taken very seriously, as is attendance in the workplace. An absence is defined as arriving to class more than five minutes late or not showing up at all. Students will be allowed 2 unexcused absences. Absences will be excused for serious illness, illness or death of a family member, University related trips, major religious holidays, and other circumstances found to be reasonable cause for nonattendance (UK Faculty Senate Rules 5.2.4.2). Requests for excused absences must be e-mailed to Dr. Coleman and Dr. Stowe prior to, or within 24 hours following, the absence. You will receive a reply e-mail indicating whether or not the absence is excused.

LEARNING EVALUATIONS: Total course points: 500

Project (500 points total)

Written project reports are due at the beginning of class Thursday, April 17. Late project reports will be penalized 20 points for each day (or part thereof) late. Oral presentations of projects will be given in class April 22, 24, 29, and May 1. Attendance is required for the oral presentations. Failure to attend presentation sessions will result in a 20 point penalty on your project per absence. Failure to complete the oral presentation will result in a score of 0 for the entire project. Students who are not confident about their writing skills are strongly encouraged to take advantage of the resources of the UK Writing Center before submitting your project proposal and report.

Grading - All learning evaluation activities will be assigned a numeric score. We reserve the right to penalize any take-home assignment for writing or communication deficiencies.

Learning evaluation scores will be totaled to determine the final numerical course grade. Letter grades will be assigned according to the scale below. Notice that we do not round up. Cumulative grades will be available at any time on the Blackboard Gradebook.

450+ = A  400 - 449 = B  350 - 399 = C  300 - 349 = D  < 300 = E

Extra Credit - Not Available…DO NOT ASK.
OTHER IMPORTANT INFORMATION:

Electronic Communication Devices – As a common courtesy, all electronic communications devices (cell phones, pagers, Blackberries, etc.) should be turned off during lecture sessions, because they can be distractions to your classmates and professors.

Cheating and Plagiarism – Such behavior is intolerable. Students found guilty of these offenses will be punished to the fullest extent possible, given the penalties outlined in Student Rights and Responsibilities §6.4.0. The MINIMUM punishment for either of these offenses in GEN 300-009 is an "E" in the course.

Students with Disabilities – If you have a documented disability which requires academic accommodations, please see the instructor. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). If you have not done so already, please register with the DRC (Room 2 Alumni Gym, 257-2754, jkarnes@uky.edu) for coordination of campus disability services available to students with disabilities. For additional information, contact the DRC at http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/.

Additional Information related to policies for excused absences, cheating, plagiarism, withdrawal, incompletes, exams, and grading can be found in:


IMPORTANT DATES:

CLASS SCHEDULE:  T/Th 9:30 – 10:45am; AgN-N10

SPRING BREAK:  March 17 – 21

LAST DAY OF CLASS:  May 1

DUE DATES:

1/30 – Enterprise proposal
2/20 – Expanded facility outline
3/25 – Draft of cash flow budget
4/17 – Final project
4/22, 4/24, 4/29, 5/1 – In-class project presentations
COURSE SYLLABUS

EQUINE FACILITY DESIGN AND MANAGEMENT

GEN 300-009

Spring 2014

COURSE PROJECT

Description

The semester project is to develop a business and facility plan for an equine enterprise. The operation can be any equine enterprise such as a breeding farm, boarding stable, training facility, sales prep business, or horse show facility. The operation can be located anywhere in the United States and can involve any breed or equine activity. However, enterprises such as veterinary practices or hospitals, and non-profits, such as handicapped riding facilities or rescues, are not acceptable for this assignment. If you have any question as to whether your proposal will meet the assignment objectives, please see either Dr. Coleman or Dr. Stowe before you start your project. Students may work as individuals or in teams of two.

In this assignment, you will describe the activities of your business for a one year period. For the duration of this project, assume that the reader has limited familiarity with the horse industry. Therefore do not use industry jargon, and be as clear as possible in your explanations.

Written project:

The final project will consist of three parts:

1) Executive Summary. This is a narrative that describes the operation and introduces the person reading the plan to the business opportunity you are proposing. It is an overview, not a detailed description; it should provide an accurate overview the plan, and can be thought of as a marketing piece. The goal is to grab the reader’s attention to encourage them to look more deeply into the report.

This section should include:
   a) Location of the farm and why location was chosen
   b) Description of services provided
   c) Description of clients/target market
   d) Description of facility
   e) Size of operation (number of horses)
   f) Forecasted profitability/feasibility as a business operation

2) Economic Feasibility Study. The purpose of this section is to identify information that is needed to ultimately construct a business plan.

This section should include detailed information on:
   a) Enterprise organization type
   b) Market analysis
   c) Detailed cash flow budget of income and expenses
   d) Personnel needs
   e) Advertising and promotion plan
   f) Measures of success
3) **Facility Plan.** This section describes the physical facility needs for your enterprise.

This section should include detailed information on:

a) Location  
b) Land area  
c) Description of all buildings needed for the enterprise  
d) Special equipment  
e) Parking (employee, client, and trailer)  
f) Horses (number, use, turnover)  
g) Waste management  
h) Quarantine plan  
i) Disaster plan

4) **(Optional)** If you wish, include a diagram of the equine enterprise.

**Presentation:**

A formal PowerPoint presentation will be developed for each enterprise. Presentations should be 7 – 10 minutes long. The “audience” for the presentation will be a lender; your objective is to describe your plan to the lender in order to secure a loan for your enterprise. Professional attire must be worn on the day you present. Your grade on the presentation will be determined by both professor and peer evaluation. If a team of two is presenting the proposed enterprise, oral presentation duties must be shared equally; furthermore, both team members will receive the same score for the presentation.

Recall: 1) Attendance is required for the oral presentations; failure to attend presentation sessions will result in a 20 point penalty on your project per absence. 2) Failure to complete the oral presentation will result in a score of 0 for the entire project.

**Grading**

The total project is worth 500 points of your final grade. The points will be distributed as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise proposal</td>
<td>10</td>
</tr>
<tr>
<td>Expanded facility outline</td>
<td>20</td>
</tr>
<tr>
<td>Draft of cash flow budget</td>
<td>20</td>
</tr>
<tr>
<td>Written Report</td>
<td></td>
</tr>
<tr>
<td>Executive Summary</td>
<td>100</td>
</tr>
<tr>
<td>Feasibility Study</td>
<td>150</td>
</tr>
<tr>
<td>Facility Plan</td>
<td>150</td>
</tr>
<tr>
<td>In-class presentation</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td><strong>500</strong></td>
</tr>
</tbody>
</table>
Timeline & Deliverables

All components are due in hard copy at the beginning of the class indicated on the chart below. All documents should be typed.

<table>
<thead>
<tr>
<th>Component</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise proposal</td>
<td>1/30</td>
</tr>
<tr>
<td>Expanded facility outline</td>
<td>2/20</td>
</tr>
<tr>
<td>Draft of cash flow budget</td>
<td>3/25</td>
</tr>
<tr>
<td>Final Project</td>
<td>4/17</td>
</tr>
</tbody>
</table>
| In-class Presentation    | 4/22, 4/24,  
                          | 4/29, 5/1    |

Specific for all written reports:

1) Use 1” margins on all sides.
2) Use 12 point true-type font (Times New Roman or Arial).
3) Use 1.5 line spacing.
4) May be printed on one or both sides.
5) Must be stapled or otherwise bound.
6) Include page numbers.
7) Include a cover sheet which identifies the name of the enterprise and the name(s) of the author(s).

Final report is due on or before Thursday, April 17th, 2014 at 5:00 pm in Room 613 W. P. Garrigus. The final assignment must be submitted as a hard copy only. No electronic versions will be accepted.
PLS 510: Forage Management and Utilization  
Spring 2014; 3Hrs  
MWF 12-12:50 pm

Instructor: Dr. Ben Goff  
Office: N-222K Ag. Sci. Bldg. N.  
Phone: 859-257-5785  
Email: ben.goff@uky.edu  
Office Hours: MWF 10-12 pm

Undergraduate Teaching Assistant: Elizabeth Langlois  
Office: N-223 Ag. Sci. Bldg. N  
Email: elanglois@uky.edu  
Office Hours: W 2-4 pm

Course Description:  
This course will emphasize the scientific principles of forage crop growth/development and demonstrate how these principles may be implemented to improve management decisions in forage-livestock systems.

Course Objectives/Goals:  
• Introduce students to fundamental aspects of forage crop growth and development  
• Describe the agronomic principles of forage crop management in livestock systems  
• Provide examples of the successful integration of forages crops into livestock systems

Steps for Academic Success in PLS 510:  
This is a 500-level course and will be taught in an according manner. However, this does not imply the material is too advanced for undergraduate students or that a good final grade for the course is unobtainable. Listed below are several tips to ensure success in this course.

• Attend class regularly and take independent, diligent notes  
• Don’t be intimidated to ask questions in class or during office hours  
• Read any suggested text or additional readings given by the instructor  
• If some of the material is unclear, see the instructor or T.A. for clarification. Don’t rely only on your peers for interpretation of lecture notes  
• Study course materials progressively throughout the semester. Don’t attempt to “cram” material into one study session immediately before an exam/quiz  
• Don’t discount hearing something you think you may already know  
• Don’t just complain about losing points on an assignment. Show initiative and be proactive in understanding why the points were deducted.  
• The lectures are arranged so that topics build upon themselves. Attempt to understand and appreciate all of the lectures. Don’t focus only on specific lectures you may decide are important for your discipline, while disregarding others you may think are boring, uninteresting, or less important.
**Course Format:**

*Course Materials and Text:*

The handouts of lecture notes, and any additional course materials, will be provided by instructor *only* during the scheduled meeting times. Students missing class for non-UK approved reasons will be required to obtain lecture notes elsewhere (i.e. peers, reading supplementary text, etc.). There is no required text for the course. However, the texts listed below are excellent references that will supplement the information provided during lecture and may be of potential benefit to students in their professional careers.


*Producer Perspective Lectures:*

The career goals for the majority of the students who enroll in PLS 510 are either to own/ manage a farming operation or to assist other producers in making management decisions. Frequently, however, it may be difficult for students to translate information from class lectures into knowledge they may use in realistic situations. Throughout the semester, lectures will be presented that will help demonstrate how the principles discussed in class may be applied to production scenarios. These “producer perspective” lectures are not meant to be strictly a review, but rather represent how information may be utilized by students in their future careers.

*Attendance Policy and Classroom Courtesy:*

Attendance of class lectures presented by instructor is not required, but is *strongly* recommended. Students missing class for non-UK approved reasons will be required to obtain notes elsewhere. Instructor must be informed *beforehand* if lectures and exams are missed due to UK approved reasons. The university defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor. Class attendance is required for lectures presented by guest speakers.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

There is a *zero-tolerance* policy for texting and other classroom disturbances (i.e. third-party conversations, passing notes, etc.) during class time. These are distractions to the instructor and interfere with the learning ability of your peers. Students will be politely asked to amend the situation on the first offense. Repeat offenders will be asked to leave classroom.
Quizzes and Exams:
Six in-class quizzes (20 points each) will be given throughout the semester during the last 15 minutes of class. The lowest quiz score will be dropped at the end of the semester. A mid-term exam (100 points) and comprehensive final exam (200 points) will also be given. The question format of the quizzes and exams may include multiple choice, true/false, matching and/or short answer. Exam questions will emphasize the integration of lecture materials into applied and critically designed answers for production-oriented situations.

Graduate Reading Assignments:
Students enrolled in the course for graduate credit will be assigned five additional assignments that will be submitted electronically to the instructor before class on the due date (see table below). For these assignments (30 points each), students will be asked to read 2-4 pieces of scientific literature and write a short paper (1-2 pages, single spaced) that integrates each of the individual papers into one collective summary. The summaries should have two separate sections: one from a scientific viewpoint (i.e. What was learned from these experiments?) and one from a producer’s viewpoint (i.e. How may this new knowledge be implemented to increase the profitability of the operation?). A more detailed grading rubric for the assignments is attached. Any assignment may be submitted to an electronic database to prevent incidences of plagiarism. Undergraduates may complete graduate reading assignments for 10 bonus points.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Assignment Date</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forage Physiology</td>
<td>Jan. 17</td>
<td>Jan. 24</td>
</tr>
<tr>
<td>Forage Establishment/Species Competition</td>
<td>Feb. 7</td>
<td>Feb. 14</td>
</tr>
<tr>
<td>Hay Management and Production</td>
<td>Feb. 21</td>
<td>Feb. 28</td>
</tr>
<tr>
<td>Grazing Behavior/Forage Intake</td>
<td>Mar. 7</td>
<td>Mar. 14</td>
</tr>
<tr>
<td>Tall Fescue Toxicosis</td>
<td>Apr. 7</td>
<td>Apr. 14</td>
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Grading Scale:

<table>
<thead>
<tr>
<th></th>
<th>Undergraduate</th>
<th>Points</th>
<th>Graduate</th>
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<tbody>
<tr>
<td>Mid-term Exam</td>
<td>100</td>
<td></td>
<td>Mid-term Exam</td>
<td>100</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200</td>
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<tr>
<td>Attendance of Guest Lectures</td>
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<td>Quizzes (5 @ 20 points each)</td>
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<td><strong>Total</strong></td>
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<td><strong>Assignments (5 @ 30 points each)</strong></td>
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<td><strong>Graduate</strong></td>
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<td><strong>A</strong></td>
<td>≥ 405 points</td>
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<td><strong>A</strong></td>
<td>≥ 540 points</td>
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<td><strong>B</strong></td>
<td>360-404 points</td>
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<td><strong>B</strong></td>
<td>480-539 points</td>
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<td><strong>C</strong></td>
<td>315-359 points</td>
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<td><strong>C</strong></td>
<td>420-479 points</td>
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<td><strong>D</strong></td>
<td>270-314 points</td>
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<td><strong>D</strong></td>
<td>360-419 points</td>
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<td><strong>E</strong></td>
<td>≤ 269 points</td>
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<td><strong>E</strong></td>
<td>≤ 359 points</td>
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</table>
Academic Integrity and Expectations:

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred for all responsible parties. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: http://www.uky.edu/Ombud. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of Student Rights and Responsibilities (available online http://www.uky.edu/StudentAffairs/Code/part2.html) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student’s assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Accommodations due to disability:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Other</th>
<th>Text Chapter*</th>
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<tbody>
<tr>
<td>Jan. 15</td>
<td>Introduction and Importance of Forage Crops</td>
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<td>F: 1</td>
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<td></td>
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<td>SF: 1, 4</td>
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<tr>
<td>Jan. 17</td>
<td>Forage Anatomy &amp; Development</td>
<td></td>
<td>F: 2, 3</td>
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<td></td>
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<td>Jan. 20</td>
<td><strong>MLK Day- No Class</strong></td>
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<td>Jan. 22</td>
<td>Forage Anatomy &amp; Development</td>
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<tr>
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<td>Forage Physiology: Photosynthesis &amp; Respiration</td>
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<td>Forage Physiology: Photosynthesis &amp; Respiration</td>
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<td>SF: 14</td>
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<td>Jan. 27</td>
<td>Forage Physiology: Environmental Effects</td>
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<td>F: 4, 5</td>
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<td>SF: 3, 14</td>
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<td>Forage Physiology: Environmental Effects</td>
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<td>SF: 3, 14</td>
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<td>Jan. 31</td>
<td><strong>Producer Perspective: Forage Physiology and Anatomy</strong></td>
<td>Quiz 1</td>
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<td>Feb. 3</td>
<td>Forage Establishment</td>
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<td>SF: 10, 11, 12</td>
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<td>Feb. 5</td>
<td><strong>Weed Control</strong></td>
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<td>Feb. 7</td>
<td>Soil Fertility and Fertilization of Forages</td>
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<td>F: 12</td>
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<td>Feb. 10</td>
<td>Biological Nitrogen Fixation</td>
<td>Quiz 2</td>
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<td>Feb. 12</td>
<td>Digestive Anatomy and Physiology of Herbivores (Jessica Williamson, Ph. D. Candidate)</td>
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<td>F: 16, 17</td>
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<td>SF: 16</td>
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<td>Feb. 14</td>
<td>Forage Composition &amp; Nutritive Value</td>
<td></td>
<td>F: 16, 17</td>
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<td>Forage Composition &amp; Nutritive Value</td>
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<td>Feb. 19</td>
<td>Forage Quality &amp; Intake</td>
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<td>F: 16, 17</td>
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<td>Feb. 21</td>
<td>Hay Production and Management</td>
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<td>F: 19</td>
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<td>Hay Production and Management</td>
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<td>F: 19</td>
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<td>Feb. 26</td>
<td>Silage Production and Management</td>
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<td><strong>Producer Perspective: Agronomic Decisions</strong></td>
<td>Quiz 3</td>
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<td>Mar. 3</td>
<td><strong>Mid-term Exam</strong></td>
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<td>Grazing Animal Behavior</td>
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<td>Mar. 7</td>
<td>Grazing Management: Plant Considerations</td>
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<td>Grazing Management: Stocking Considerations</td>
<td>Midterm Evaluation</td>
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<td>Mar. 12</td>
<td>Grazing Method and Grazing Systems</td>
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<td>Mar. 14</td>
<td>Kentucky Bluegrass/Orchardgrass</td>
<td>Quiz 4</td>
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<td>F: 6, 7, Compendium</td>
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<td><strong>Spring Break- No Class (Mar. 17-21)</strong></td>
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<td>Mar. 24</td>
<td>Tall Fescue/Timothy</td>
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<td>F: 6, 7, Compendium</td>
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<td>Mar. 26</td>
<td>Warm-season Grasses</td>
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<td>F: 6, 7, Compendium SF: 5</td>
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<td>Alfalfa</td>
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<td>F: 8, 9, Compendium SF: 8</td>
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<td>Clovers</td>
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<td>Alternative Legume Species</td>
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<td>Apr. 4</td>
<td>Anti-quality Factors &amp; Forage Animal Disorders (Elizabeth Langlois)</td>
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<td>F: 18 SF: 22, 23</td>
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<td>Apr. 7</td>
<td>Tall Fescue Toxicosis</td>
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<td>F: 18 SF: 24</td>
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<td>Apr. 9</td>
<td>Producer Perspective: Forage Species Selection &amp; Grazing Decisions</td>
<td>Quiz 5</td>
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<td>Apr. 11</td>
<td>Designing/Planning Forage Systems</td>
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<td>F: 6, 7, 8, 9 SF: 2, 17</td>
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<td>Apr. 14</td>
<td>Sustainability in Agriculture Systems (Dr. Krista Jacobsen)</td>
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<td>Apr. 16</td>
<td>Forages in Bioenergy Systems</td>
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<td>Apr. 18</td>
<td>Forages in Beef Systems</td>
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<td>F: 6, 7, 8, 9 SF: 26, 27</td>
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<td>Apr. 21</td>
<td>Forages in Beef/Small Ruminant Systems</td>
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<td>F: 6, 7, 8, 9 SF: 26, 27, 30</td>
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<td>Apr. 23</td>
<td>Forages within Dairy Systems (Dr. Donna Amaral-Phillips)</td>
<td></td>
<td>F: 6, 7, 8, 9 SF: 28</td>
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<tr>
<td>Apr. 25</td>
<td>Forages &amp; Equine Nutrition (Elizabeth Langlois)</td>
<td></td>
<td>F: 6, 7, 8, 9 SF: 17, 29</td>
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<td>Apr. 28</td>
<td>Forages in Equine Systems</td>
<td>Quiz 6</td>
<td>F: 6, 7, 8, 9 SF: 25, 29</td>
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<td>Apr. 30</td>
<td>Final Producer Perspective</td>
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<td>May 2</td>
<td>Final Producer Perspective /Review</td>
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<tr>
<td>May 5</td>
<td>Final Exam 10:30 am</td>
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*F = Forages, Vol. 1: An Introduction to Grassland Agriculture; SF = Southern Forages*
**PLS 510**  
Grading Form for Graduate Assignment

<table>
<thead>
<tr>
<th>Item</th>
<th>Points</th>
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<tbody>
<tr>
<td><strong>Interpretation of Scientific Conclusions (10 points):</strong></td>
<td></td>
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<tr>
<td>Accuracy of Interpreting Study Results (5 Points)</td>
<td></td>
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<tr>
<td>Proper Integration of Results into One Central Focus (5 Points)</td>
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<tr>
<td><strong>Comments:</strong></td>
<td></td>
</tr>
</tbody>
</table>

| Communication of Concepts to Producers (10 Point):                   |        |
| Proper Translation of Results to Management Decisions(5 Points)     |        |
| Approach/Language Used to Convey Importance of Research             |        |
| Appropriate and Understandable to Producers (5 Points)              |        |
| **Comments:**                                                        |        |

| Quality of Writing (10 Points):                                     |        |
| Grammar/Spelling (5 Points)                                         |        |
| Paragraph Structure/General Readability (5 Points)                  |        |
| **Comments:**                                                        |        |

| Total (30 Points)                                                   |        |
|                                                                     |        |
| Undergraduate Bonus (10 Point)                                      |        |
Veterinary Science 307  
VS 307-001

Genetics of Horses

Fall 2014

This course will cover the basic principles of genetics and genomics with specific applications to the horse including evolution, coat color genetics, hereditary diseases, cytogenetics, genetics of performance, pedigree studies, population genetics of horse breeds and the genetic relationship among members of the order Perissodactyla.

Faculty Instructor:

Ernie Bailey  
ebailey@uky.edu  
323 Gluck Equine Research Center  
859-218-1105

Office hours are Wednesdays 2-4 PM or by appointment.

Prerequisites: Biology 148 & 152 and Chemistry 105 & 107 or 104 &108 or consent of instructor

Communication and Reporting: Blackboard. You will find assignments and materials posted to Blackboard. Check your email and Blackboard daily for updates.

Lectures: There will be two lectures, weekly, in The Auditorium of the Gluck Center (room 110) on Tuesday and Thursday at 9:30AM to 10:45 AM.

Course Material: The material presented in the course will focus on a variety of topics related to the genetics of the horse. The material will be presented as readings in the text book, supplemented readings, lecture, class discussion and student presentations.

The student outcomes include:

1) Students will compare the diverse modes of inheritance, including Mendelian genetics, mitochondrial genetics, sex-linked inheritance and sex-limited traits, and distinguish them from traits resulting from management.

2) Students will compare the different molecular DNA changes that can change health, color and performance and predict when DNA mutations will be neutral or have an impact.

3) Students will discuss the nature of variation among diverse equids and assess those characteristics associated with breed and species distinctions.

Format: Lecture/Discussion will be led by instructor or guest lecturers on topics described in the syllabus. Student will read text assignments and participate in discussions.

Participation (30%): This class is not just about collecting facts. Your participation is very important. Consequently, attendance, response to questions, raising questions and sharing your insights are part of the grade. Besides, it is very boring for both of us if I just lecture. Evaluation of participation is based on a record of attendance in classes and on an expectation that students will pose at least one question or make one oral contribution in each class.

Weekly Quizzes (15%): The main point of this exercise is to ensure that you are prepared to participate in class discussions. At the beginning of each section a 10 minute, open book quiz will be given. Open book makes it possible for you to find the detailed answer to questions. 10 minutes means that you need to be familiar with the chapter and the issues in the book to finish in time.

Tests (40%): Tests will cover reading and material presented in reading or covered in lectures and discussions. (Take good notes.) The format will include short answer, fill in the blank or multiple choice questions. For final grading the lowest test score will be dropped from the semester tests.

Final Exam (15%): The final exam is a test conducted in the regular classroom on date listed in the College Schedule. Half of the final exam covers the material since the last exam and half the final is comprehensive using some of the questions taken directly from the weekly quizzes.

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation and attendance</td>
<td>30%</td>
</tr>
<tr>
<td>Weekly Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>4/5 Tests</td>
<td>40%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>15%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

➢ Attendance is required; see the policy on absence;
➢ Lowest scored test will be dropped from grading.

Grades: A = 90% or more  
B = 80% -89%  
C = 70%-79%  
D = 60%-69%  
E = less 60%

Mid-term grades will be posted in myUK by the deadline established in the Academic Calendar (http://www.uky.edu/Registrar/AcademicCalendar.htm)
**Accommodations due to disability:** If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

**Policy on Absences:**

The University of Kentucky recognizes the following as valid reasons for missing class or an exam: ([http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php](http://www.uky.edu/Ombud/ForStudents_ExcusedAbsences.php))

1) Illness of the student or serious illness of the student’s immediate family. The instructor shall have the right to request appropriate verification.

2) The death of a member of the student’s immediate family. The instructor shall have the right to request appropriate verification.

3) Trips for members of student organizations sponsored by an academic unit, trips for University classes and field trips for participation in intercollegiate athletic events. When feasible, the student must notify the instructor prior to the occurrence of such absences, but in no case shall notification occur more than one week after the absence. Instructors may request formal notification from the appropriate University personnel to document the participation in the trip.

4) Major religious holidays. Students are responsible for notifying the instructor in writing the anticipated absences due to the observation of such holidays no later than the last day for adding a class.

5) Any other circumstances which the instructor finds reasonable cause for non-attendance.

**Please Note:**

No make-up presentations or assignments will be allowed unless there is a valid reason for missing the work. A grade of 0 will be given for worked missed during un-excused absences. Work must be made up within 2 weeks and it is the responsibility of the student to schedule the time.

**Academic Ombud Office:** The academic Ombud office is an important resource to assist students and faculty resolve points of miscommunication or other issues which arise in connection with classes.

“At the University of Kentucky, the Office of Academic Ombud Services is responsible for assisting students and instructors work through and resolve academic related problems and conflicts. The major arenas of activity for UK’s Academic Ombud include both Student Academic Rights and Academic Offenses. The primary focus of Academic Ombud Services is the process by which decisions are made, and the primary task of the Ombud is to ensure fair policies, processes, and procedures that are equitably implemented. Thus, the Academic Ombud is a neutral party working as an advocate for fairness and equity.” ([http://www.uky.edu/Ombud/index.php](http://www.uky.edu/Ombud/index.php))
"It's interesting that you have tried to train blood and flesh to the perfection of a machine but that it’s still blood and flesh."
    ~ William Faulkner in 1955 at the Kentucky Derby.

“How do you catch a loose horse? Make a noise like a carrot.”
    ~ British Cavalry joke

“Fly from him like the plague because he is brother to the cow!”
    ~ Arab proverb regarding pinto horses.
(Note: Although spotting patterns were highly selected following domestication of the horse, Arabs never did like them, possibly because pink skin under the white spots was sensitive to the sun.)

“Wherever man has left his footprint in the long ascent from barbarism to civilization we will find the hoofprint of the horse beside it.”
    ~John Moore
<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture</th>
<th>Topic and Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 28</td>
<td>1</td>
<td><strong>Introduction to Course: Evolution and Domestication</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assignment: Read Class Text, Chapter 1, beginning of Chapter 2</td>
</tr>
<tr>
<td>Sept 2</td>
<td>2</td>
<td><strong>Basic Genetics: nature of DNA, Cells, Chromosomes, Mitosis and Meiosis</strong></td>
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<tr>
<td></td>
<td></td>
<td>Assignment: Read Class Text, Chapter 2</td>
</tr>
<tr>
<td>Sept 4</td>
<td>3</td>
<td><strong>Basic Genetics: Alleles, Zygosity, Segregation, and Nomenclature</strong></td>
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<td>Assignment: Read Class Text, Chapter 2</td>
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<tr>
<td>Sept 9</td>
<td>4</td>
<td><strong>Basic Genetics: Punnett Squares, Mendelian ratios, Homozygous Lethals</strong></td>
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<td>Assignment: Read Class Text, Chapter 2</td>
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<tr>
<td>Sept 11</td>
<td>5</td>
<td><strong>Basic Genetics: Polygenic traits and Linkage</strong></td>
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<td></td>
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<td>Assignment: Study for Test #1</td>
</tr>
<tr>
<td>Sept 16</td>
<td>6</td>
<td><strong>Test #1 over Chapters 1 &amp; 2 Basic Genetics and Evolution</strong></td>
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<tr>
<td>Sept 18</td>
<td>7</td>
<td><strong>Genomics</strong></td>
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<td></td>
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<td>Assignment: Read Class Text, Chapter 3</td>
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<tr>
<td>Sept 23</td>
<td>8</td>
<td><strong>Genomics</strong></td>
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<tr>
<td></td>
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<td>Assignment: Read Class Text, Chapter 3</td>
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<tr>
<td>Sept 25</td>
<td>9</td>
<td><strong>Genomics</strong></td>
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<tr>
<td></td>
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<td>Assignment: Read Chapter 3/Lecture notes</td>
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<tr>
<td>Sept 30</td>
<td>10</td>
<td><strong>Genomics</strong></td>
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<tr>
<td></td>
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<td>Assignment: Read Chapter 3/Lecture notes</td>
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<tr>
<td>Oct 2</td>
<td>11</td>
<td><strong>Genomics</strong></td>
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<tr>
<td></td>
<td></td>
<td>Assignment: Study for Test #2</td>
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<tr>
<td>Oct 7</td>
<td>12</td>
<td><strong>Test #2- Chapter 3 Genomics</strong></td>
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<td>Assignment: Read Class Text, Chapters 4 &amp; 5</td>
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<tr>
<td>Oct 9</td>
<td>13</td>
<td><strong>Bay, Chestnut and Black/ Dilution Coat Colors</strong></td>
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<td>Assignment: Read Class Text, Chapter 6</td>
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<tr>
<td>Oct 14</td>
<td>14</td>
<td><strong>Tobiano, Sabino and White (KIT)</strong></td>
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<td></td>
<td></td>
<td>Assignment: Read Class Text, Chapter 7 &amp; 8</td>
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<tr>
<td>Oct 16</td>
<td>15</td>
<td><strong>Grey, Frame Overo and Splashed White</strong></td>
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<td>Assignment: Read Class Text, Chapter 9 &amp; 10</td>
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<tr>
<td>Date</td>
<td>Assignment</td>
<td>Notes</td>
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<tr>
<td>Oct 21</td>
<td><strong>Leopard Complex and overview</strong></td>
<td>Assignment: Study for Test #3</td>
</tr>
<tr>
<td>Oct 23</td>
<td><strong>Test #3 – Chapters 4-10 Coat Color Genetics</strong></td>
<td>Assignment: Read Class Text, Chapter 11</td>
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<tr>
<td>Oct 28</td>
<td><strong>Parentage</strong></td>
<td>Assignment: Read Class Text, Chapter 12</td>
</tr>
<tr>
<td>Oct 30</td>
<td><strong>Veterinary Medical Genetics</strong></td>
<td>Assignment: Read Class Text, Chapter 12</td>
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<tr>
<td>Nov 4</td>
<td><strong>Veterinary Medical Genetics</strong></td>
<td>Assignment: Read Class Text, Chapter 13</td>
</tr>
<tr>
<td>Nov 6</td>
<td><strong>Cytogenetics</strong></td>
<td>Assignment: Study for Test #4</td>
</tr>
<tr>
<td>Nov 11</td>
<td><strong>Test #4: Chapters 11, 12, 13 Parentage, Medical Genetics and Cytogenetics</strong></td>
<td>Assignment: Read Class Text, Chapter 14</td>
</tr>
<tr>
<td>Nov 13</td>
<td><strong>Genetics of Performance</strong></td>
<td>Assignment: Read Class Text, Chapter 15</td>
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<tr>
<td>Nov 18</td>
<td><strong>Pedigrees</strong></td>
<td>Assignment: Read Class Text, Chapter 16</td>
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<tr>
<td>Nov 20</td>
<td><strong>Mitochondria, Y-chromosome and Epigenetics</strong></td>
<td>Assignment: Read Class Text, Chapter 16</td>
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<tr>
<td>Nov 26</td>
<td><strong>Review</strong></td>
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<tr>
<td>Nov 27</td>
<td><strong>Thanksgiving Holiday</strong></td>
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<tr>
<td>Dec 2</td>
<td><strong>Mitochondria, Y-chromosome and Epigenetics</strong></td>
<td>Assignment: Study for Test #5</td>
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<tr>
<td>Dec 4</td>
<td><strong>Test #5: Chapters 14, 15, 16</strong></td>
<td>Assignment: Read Class Text, Chapter 17</td>
</tr>
<tr>
<td>Dec 9</td>
<td><strong>Genetic Nature of Breeds</strong></td>
<td>Assignment: Read Class Text, Chapter 18</td>
</tr>
<tr>
<td>Dec 11</td>
<td><strong>Genetics of Perissodactyla and Equus</strong></td>
<td>Assignment: Study for Final Exam</td>
</tr>
</tbody>
</table>

**Monday, December 15th, 2014** at 10:30 AM to 12:30 PM in Gluck Auditorium (Gluck 110)
VS 500
Advanced Equine Reproduction

Instructor: Dr. B. A. Ball
Office Address: 128 D Gluck Equine Research Center
Email: b.a.ball@uky.edu
Office Phone: 218-1141
Office hours: by appointment

Course Description: A study of reproductive anatomy and physiology of the horse with emphasis on normal and abnormal reproductive function in this species. Normal reproductive management and diseases affecting the reproductive system will be considered in detail.

Prerequisites: ASC 364

Student Learning Outcomes:

1. Describe the hormonal control and physiology of the normal estrous cycle of the mare and demonstrate methods to manipulate the estrous cycle.
2. Identify gross and histologic anatomic features of the mare reproductive tract.
3. Describe normal and abnormal features of pregnancy in the mare including diagnosis of pregnancy, pregnancy failure, and physiology of pregnancy.
4. Discuss normal and abnormal foaling and routine care of the pregnant mare and neonate.
5. Describe the normal reproductive anatomy and physiology of the stallion.
6. Describe semen collection and evaluation in the stallion as well as interpret fertility evaluation of the stallion.
7. Define causes of stallion infertility including infectious diseases associated with reproduction in equids.
8. Describe techniques for semen preservation and artificial insemination in the horse.
9. Discuss routine reproductive management techniques in horses including use and assessment of reproductive records.
10. Summarize techniques of assisted reproduction in horses as well as application and potential problems.

Required Materials: NONE

Preferred Course Schedule: To be offered on Tuesday / Thursday basis with 1.5 hour lectures.
Summary Description of Course Assignments
Grading in this course will be based upon three midterm examinations as well as a final examination. Due to the nature of the course material, examinations will be cumulative and may cover any and all course material up to the date of an examination. Examination format will include a combination of objective (multiple choice, true/false, etc.) as well as brief discussion questions. Examinations will be equally weighted (25% of overall course grade from each of the three midterm examinations plus the final examination).

Graduate students in the course will be required to submit a paper on an assigned topic in equine reproduction in addition to completion of the examinations described above. This paper will represent 10% of their course grade.

Course Grading
Grading scale for undergraduates:
90 – 100% = A
80-89% = B
70-79% = C
60-69% = D
< 60% = E

Grading scale for graduate students (no D for Grad Students):
92-100% = A
84-91% = B
76-83% = C
<76% = E

For both undergraduate and graduate students, final course grades will be subjected to adjustment (curved) based upon the overall class performance for undergraduate and graduate students separately.

Final Exam Information
As scheduled per the published University of Kentucky final examination schedule.

Mid-term Grade
Mid-term grades for undergraduate students will be posted in myUK by the deadline established in the Academic Calendar.

Course Policies:

Excused Absences
Students need to notify the professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for
nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

**Verification of Absences**
Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.

**Academic Integrity**
Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: [http://www.uky.edu/Ombud](http://www.uky.edu/Ombud). A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online [http://www.uky.edu/StudentAffairs/Code/part2.html](http://www.uky.edu/StudentAffairs/Code/part2.html)) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism.
Plagiarism includes reproducing someone else’s work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student’s assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

Please note: Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

Accommodations due to disability
If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

Missed examinations/ makeup examinations
Students who are unable to take a scheduled examination will be required to provide verification of an excused absence as described above. Makeup examinations may (at the discretion of the instructor) may be given as oral examinations at a time to be scheduled at the discretion of the instructor.
Advance Equine Reproduction

**Tentative Course Schedule**
To be offered on Tuesday / Thursday basis with 1.5 hour lectures.

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Title</th>
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<tbody>
<tr>
<td>1</td>
<td>Hormones - Basic structure, classification and function</td>
</tr>
<tr>
<td>2</td>
<td>Reproductive physiology of nonpregnant mare</td>
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<tr>
<td>3</td>
<td>Reproductive anatomy of the mare</td>
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<tr>
<td>4</td>
<td>Control of estrous cycle</td>
</tr>
<tr>
<td>5</td>
<td>Control of estrous cycle</td>
</tr>
<tr>
<td>6</td>
<td>Fertilization, embryonic development, early pregnancy</td>
</tr>
<tr>
<td>7</td>
<td>Reproductive physiology - pregnant mare</td>
</tr>
<tr>
<td>8</td>
<td>Mare examination and pregnancy diagnosis</td>
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<tr>
<td>9</td>
<td>Exam</td>
</tr>
<tr>
<td>10</td>
<td>Twin pregnancy in mares</td>
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<tr>
<td>11</td>
<td>Infertility in the mare</td>
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<tr>
<td>12</td>
<td>Embryonic and early fetal loss</td>
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<td>13</td>
<td>Abnormalities of pregnancy / abortion</td>
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<tr>
<td>14</td>
<td>Parturition - normal</td>
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<tr>
<td>15</td>
<td>Abnormal parturition and dystocia</td>
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<tr>
<td>16</td>
<td>Routine care of the pregnant mare and neonate</td>
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<tr>
<td>17</td>
<td>Exam</td>
</tr>
<tr>
<td>18</td>
<td>Stallion - anatomy</td>
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<td>19</td>
<td>Stallion - physiology</td>
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<tr>
<td>20</td>
<td>Stallion - semen collection and evaluation</td>
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<tr>
<td>21</td>
<td>Stallion - Breeding soundness examination</td>
</tr>
<tr>
<td>22</td>
<td>Stallion infertility - functional and infectious aspects</td>
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<tr>
<td>23</td>
<td>Semen preservation</td>
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<tr>
<td>24</td>
<td>Routine stallion management/Artificial insemination</td>
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<tr>
<td>25</td>
<td>Exam</td>
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<tr>
<td>26</td>
<td>Breeding farm management and assessment of reproductive records</td>
</tr>
<tr>
<td>27</td>
<td>Embryo transfer/Assisted reproduction technologies</td>
</tr>
<tr>
<td>28</td>
<td>Genetic testing and genomics in the horse</td>
</tr>
<tr>
<td>29</td>
<td>Review Session</td>
</tr>
<tr>
<td>30</td>
<td>Final Exam</td>
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