Equine Production and Management
ANS 442 SPRING 2015
Ag ROOM 117 / SFASU Equine Center

Instructor: Dr. Stacie Appleton
Office: 107, Agriculture Building
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Office Hours: Monday 10am-12pm; Tuesday 11am-1pm; Thursday 11am-1pm;
Friday by appointment

Text: TBA

Description: Advanced management techniques and strategies regarding equine reproduction,
breeding management, selection, health care, training and various other related topics.

Lab: Hands on learning and application of practices and techniques regarding aspects of equine
reproduction and management discussed in class. Acceptable footwear must be worn at all times
when riding.

Course Goals: Students will understand advanced concepts of equine anatomy, management, care,
nutrition, related to reproduction. Students will demonstrate proficiency of the skills and techniques
required to work with horses safely and effectively to perform basic care and management tasks as
well as execute common industry breeding protocols.

Grading: Grades will be determined by the standard University scale.
3 - Hour exams over lecture material - 300 points
Lab attendance and participation – 200 points
Lab Final Exam - 100 points
Project – 200 points
Final Exam – 200 points
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Total 1000

Attendance: Expected and Encouraged. For absences to be considered excused, advanced notice is
preferred, documentation upon return to class is required. Only excused absences will be allowed to
make up missed work.
**Program Learner Outcomes:**
1. The student will demonstrate competence of technical subject matter and in performing tasks associated with all areas of equine science.
2. The student will exhibit problem solving skills based on quantitative and analytical reasoning.
3. The student will demonstrate effective communication skills
4. The student will exhibit leadership and other interpersonal skills needed for career placement and advancement.

**Academic Integrity (A-9.1)**
Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**Definition of Academic Dishonesty**
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at [http://www.sfasu.edu/policies/academic_integrity.asp](http://www.sfasu.edu/policies/academic_integrity.asp)

Any breach of academic integrity will result in failure of the class.

**Withheld Grades Semester Grades Policy (A-54)**
Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

**Students with Disabilities**
To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/)
COURSE OUTLINE

Introduction and Organization
Anatomy of the Female Reproductive Tract
Endocrine Function

EXAM

Mare Care - Gestation / Foaling Preparation
Foaling Procedures / Common Problems
Mare and Foal Handling
Foal Growth and Development
Common Industry Practices and Preparation for Re-breeding the Mare

EXAM

Anatomy of Male Reproductive Tract
Stallion Maintenance / Breeding Preparation
Stallion Behavior
Semen Collection / Evaluation
Artificial Insemination Techniques
Equine Embryo Transfer
Other Reproductive Techniques and Technology

EXAM

Nutrition for Growth and Development
Nutrition for Gestation and Lactation
Common Diseases / Disorders / Conditions and Treatments
Career Opportunities in Equine Reproduction
The Business of Horses
Industry Topics

FINAL EXAM