

EQSC343/ 343L Equine Reproduction Fall 2014

Instructor: Petra Collyer DVM PhD
E-Mail: Petra.Collyer@tamuc.edu
Phone: 903-886-5355
Office: AGIT 229
Office Hours: M T R 8:00-10:30 am and by appointment

Class meets R 1:00- 2:50 pm
Location: LSTK005

Overview

Three semester hours. (2 lecture, 2 lab). Management of reproduction in the mare and stallion to include puberty management, estrous cycles, mare and stallion reproductive management, artificial insemination, ultrasound and palpation, foaling care and rebreeding. Prerequisite: ANS 118 or ANS 1319, and EQSC 240.

Goals

Upon completion of this course, students shall be able to demonstrate knowledge of:

- the anatomy and physiology of the mare and stallion reproductive tracts
- equine reproductive endocrinology
- physiological processes of equine pregnancy, parturition and lactation
- adequate selection, preparation and management of breeding mares and stallions
- correct management of lactating mares and foals up to weaning
- reproductive techniques
- reproductive disorders

Requirements

Students need to attend lab sessions regularly, and complete the online reading assignments and weekly quizzes on eCollege. Limit: Three unexcused absences in lab. Excused absences will be accepted for all university-sanctioned activities that take place during lab time. The online class is preparation for lab exercises.

Materials

- Handouts
- Online assignments (eCollege)
- Textbook: Equine Reproductive Physiology, Breeding and Stud Management by M.C.G. Davies Morel, 3rd ed., 2008, CABI ISBN 978-1-84593-450-7

Milestones

Written exams are taken during lab time. The exam format is on paper, containing multiple choice, short answer and critical thinking questions. Exam material is derived from the online class as well as the corresponding lab class.

Exam 1:	Week 5
Exam 2:	Week 10
Exam 3:	Week 14
Final Exam:	in finals week, comprehensive

Evaluation

- Class exams will count 50 points each, and the comprehensive final counts 100 points = 250 points.
- Online reading assignments will conclude with brief online quizzes, total points to be earned= 100. These quizzes will be available temporarily only, and will close at lab time. This is the preparation for lab.
- Lab quizzes can be expected weekly, and may take place in the beginning, or at the end of class. It is important to be prepared for lab day. Lab quiz points= 100.

All points to be earned in this class: 450=100%.

Grading scale is standard: A= 90- 100%, B= 80- 89%, C= 70- 79%, D= 60-69%, F= < 60%.

University Policies

Students with Disabilities:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library
Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamuc.edu

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Code of Student Conduct from Student Guide Handbook).

Course Schedule

The following course schedule is tentative. Changes will be announced in lab and online.

Week	Topic
1	Introduction, Mare Anatomy, Stallion Anatomy
2	Endocrinology of equine reproduction
3	Pregnancy: anatomy, physiology, endocrine control
4	Parturition: Physiology and endocrine control
5	Lactation: Anatomy, physiology, endocrine control
6	Selection of mare and stallion for breeding
7	Preparation for covering, mating management
8	Management of pregnant mare and parturition
9	Management of lactating mare and young foal
10	Weaning, foal management
11	Stallion management
12	Reproductive techniques
13	Reproductive disorders
14	Reproductive disorders
15	Emergency response

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