

Artificial Breeding of Domestic Animals

ANS 312

Spring 2015

MW 8:00 – 8:50 | AGIT 238

M 3:00 – 4:50 |DLAB 001

Web Enhanced

Instructor: Dr. Douglas Eborn

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Course Description

This course will cover semen collection and evaluation, gamete freezing and storage, reproduction management techniques and pregnancy diagnosis. In addition, students will gain experience with the reproductive management and breeding of cattle, swine, and goats.

Course Objectives

1. Understand and describe in detail the estrous cycle, the structures and hormones involved and how it is regulated in the cow, sow, and doe.
2. Understand and explain current methods available to producers to manipulate the estrous cycle and control the time of breeding for each of the focus species.
3. Understand the process of artificial insemination and how it differs between each of the species.
4. Give each student the opportunity to actively participate in the insemination of each of the species through the semester.

Prerequisites

ANS 311

Materials

Required Text: None

Grading

Attendance: Attendance is expected and will count towards your final grade. If you have a legitimate reason or excused absence for missing class please notify me by email immediately. Attendance may be used to decide future opportunities such as makeup work or extra credit.

Grading:

1. Exams:

- Three exams will be given through the course.

Tentative Dates:

Wed. February 18

Wed. April 1

Wed. May 6

- Exams will be given during the entire class period. Exam formats may include T/F, matching, multiple choice, and short answer. Some exams and quizzes will require math so you will need to bring a calculator. A smart phone/cell phone/tablet will not be allowed to use on the exam.
- All students are to take the in-class exams at the time they are scheduled unless you have a great excuse. If a makeup is written it may be more difficult, not easier, for the student.

2. Quizzes and Homework

- Occasionally a quiz will be given (approximately every other week). Some quizzes will be posted online through the eCollege website. Others will be given in class
- Homework assignments will be given each week to supplement the class material. Often students will be expected to present their homework and generate discussion.
- Unannounced quizzes may also be given.

Grading

Quizzes/Homework	30%	A: 90% +
3 Exams	40%	B: 80-89%
Attendance	30%	C: 70-79%
	<hr/>	D: 60-69%
	100%	F: Below 60%

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures

Academic Honesty

Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including (but not limited to) receiving a failing grade on the assignment, the possibility of failure in the course and dismissal from the University. Since dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced. In **ALL** instances, incidents of academic dishonesty will be reported to the Department Head. Please be aware that academic dishonesty includes (but is not limited to) cheating, plagiarism, and collusion.

Cheating is defined as:

- Copying another's test or assignment
- Communication with another during an exam or assignment (i.e. written, oral or otherwise)
- Giving or seeking aid from another when not permitted by the instructor
- Possessing or using unauthorized materials during the test
- Buying, using, stealing, transporting, or soliciting a test, draft of a test, or answer key

Plagiarism is defined as:

- Using someone else's work in your assignment without appropriate acknowledgement
- Making slight variations in the language and then failing to give credit to the source

Collusion is defined as:

- Collaborating with another, without authorization, when preparing an assignment

If you have any questions regarding academic dishonesty, ask. Otherwise, I will assume that you have full knowledge of the academic dishonesty policy and agree to the conditions as set forth in this syllabus.

University Specific Procedures

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