

COLLEGE OF SCIENCE
Sam Houston State University

Course Description and Syllabus

DEPARTMENT: Agricultural Sciences
COURSE NUMBER AND TITLE: WMGT 4301.01; Cervid Breeding and Production
SEMESTER: Fall 2017
LOCATION OF CLASS MEETING: Pirkle Engineering Technology Center, Room 300A
CLASS MEETING TIME: Tuesday, 2:00-4:50 p.m.
INSTRUCTOR: Mr. Chris Stewart, Lecturer- Wildlife Management
OFFICE LOCATION: By appointment or after class
TELEPHONE: Telephone: 832.493.0147 (cell)
e-mail: c_stewart3s@yahoo.com, crs003@shsu.edu
OFFICE HOURS: By appointment or after class

COURSE DESCRIPTION: This course covers production of the cervid species with a focus on white-tailed deer. Reproductive management practices pertaining to preferred, selective genetics and breeding cycles will be emphasized. With production strongly based on an effective confinement management system, the primary topics will include general industry cycles, reproductive techniques and cycles, weaning of offspring and vaccination protocols, immobilization, and interstate/intrastate movement of cervid species

REFERENCE AND TEXTBOOK: None

ATTENDANCE POLICY: Regular and punctual class attendance is expected in this course. If a student misses an exam or other course work due to an **EXCUSED** absence, arrangements must be made **IN ADVANCE** with the instructor to complete the work or exam. Otherwise, make-up exams and coursework will be comprehensive and scheduled at the end of the semester.

EXAMS AND GRADING PLAN: The course will consist of five exams. Grades will be determined based upon the equal weighing of four (4) lecture exams, short papers/quizzes and participation

Exam I	25 %
Exam II	25 %
Exam III	25 %
Site Visits/Quizzes	<u>25 %</u>
	100%

Grade distributions will be based upon the following scale:
A = 90 – 100; B = 80 – 89; C = 70 – 79; D = 60 – 69; F = <60

ACADEMIC DISHONESTY:

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action equal to the offence committed. Cheating of any form on exams will result in a zero for the grade.

The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

Cheating **WILL NOT** be tolerated. Students caught cheating on an exam will be given a zero (0) for the exam or quiz grade and a letter will be written to the student's file.

CLASSROOM RULES OF CONDUCT:

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. **Cellular phones and pagers must be turned off before class begins. Should a student get caught texting during lecture they will be asked to leave the classroom, if caught while taking a test, it will be considered cheating and the student will receive a zero (0) for that exam. A student must dismiss themselves from the classroom if they need to receive an incoming or make a call.**

Students are prohibited from making offensive remarks, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engage in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.

STUDENTS WITH DISABILITIES POLICY:

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see:

<http://www.shsu.edu/dept/academic-affairs/documents/aps/students/811006.pdf>

RELIGIOUS HOLIDAYS:

University policy states that a student who is absent from class for the observance of a religious holy day shall be permitted to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence. A student who wishes to be excused for a religious holy day must present the instructor with a written statement describing the holy day(s) and the travel involved. The instructor should provide the student with a written description of the deadline for the completion of missed exams and/or assignments.

USE OF TOBACCO AND TOBACCO PRODUCTS:

Sam Houston State University is a tobacco free campus and all tobacco products are prohibited in all buildings and outdoor public areas on campus

COURSE OUTLINE:

- I. Orientation and Introduction
 - A. Syllabus Overview
 - B. Safety Presentation
 - 1. Cervid handling general overview
 - 2. Cervid handling handouts
 - 3. Medication administration protocols and procedures
 - 4. Other safety precautions
 - C. General Overview of Cervid Breeding Industry
 - D. Course Design and Direction
- II. A Look at a Year in the Cervid Breeding Industry
 - A. Established Industry Cycles
 - B. Antlerogenesis
 - C. Other factors that affect Cervid breeders

***** EXAM I *****

Fall Quarter as a Cervid Breeder

- III. Stocker animal based production
 - A. Terminology
 - B. Stocker market trends
 - C. Analysis of Stocker markets
 - D. Pros and Cons of Stocker market

- IV. Breeder/Replacement animal based Production
 - A. Terminology
 - B. Market trends for Breeder/Replacement animals
 - C. Analysis of Breeder market
 - D. Pros and Cons of Breeder/Replacement market

***** EXAM II *****

- V. Transporting Cervids
 - A. Terminology
 - B. Necessary Equipment and supplies
 - C. Procedures
 - D. Rules and Regulations
- VI. Immobilization of Cervids
 - A. Terminology
 - B. Equipment and Supplies
 - C. Available medications and appropriate use
 - D. Rules/Regulations/Precautions
- VI. Weaning Offspring and Fall Vaccination Protocols
 - A. Terminology
 - B. Vaccinations
 - C. Procedures
 - D. Precautions/Problems

***** EXAM III *****

Winter Quarter as a Cervid Breeder

- VII. Importance of DNA and Pedigree Analysis in Cervid Breeding
 - A. Terminology
 - B. DNA (collection, submittal, etc)
 - C. Pedigrees
 - D. Personal/Market preferences
 - E. Breeding the “Dreambuck”
 - F. NADR
- VIII. Understanding Genetics in Cervid Production
 - A. What are Genetics?
 - B. Heritable Traits
 - C. Program goals
 - D. Acquiring Genetics in your herd
 - E. Line Breeding
 - F. Building the perfect pedigree
- IX. Cervid Reproduction Techniques
 - A. Terminology
 - B. Natural Breeding
 - C. Artificial Insemination
 - D. Reproductive Cycle in Cervids
 - D. Pros and Cons of Reproductive techniques

- X. Laparoscopic AI Procedures in Cervids
 - A. Equipment and materials
 - B. Drugs and Medications
 - C. Procedure
 - D. Problems/Precautions

***** EXAM IV *****

This syllabus is subject to change depending on time constraints. Grades will be equally weighed upon the change or modification announced in class.