

COLLEGE OF SCIENCES
Sam Houston State University

Course Description and Syllabus

DEPARTMENT:	Agricultural Sciences												
COURSE NUMBER AND TITLE:	WMGT 4302.01; Cervid Management												
SEMESTER:	Spring 2018												
LOCATION OF CLASS MEETING:	Pirkle Engineering and Technology Center, Room 300A												
CLASS MEETING TIME:	Tuesday & Thursday, 2:30-3:50 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 cervid species with a main focus on the white-tailed deer (<i>Odocoileus virginianus</i>). This course covers topics found in the cervid farming industry during the spring and summer months of the year. Production is based in a confinement setting with the main topics including: cervid anatomy/physiology, cervid nutrition, feed types and feed programs, state and federal regulations and rules to breed cervids, estimating costs to start a breeding program, spring/summer cervid diseases and treatments, and fawn care												
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 <u>EXCUSED</u> absence, arrangements must be made <u>IN ADVANCE</u> 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 four (4) lecture exams, short papers/quizzes and participation in class and offsite visits <table><tr><td>Exam I</td><td>22.5 %</td></tr><tr><td>Exam II</td><td>22.5 %</td></tr><tr><td>Exam III</td><td>22.5 %</td></tr><tr><td>Exam IV</td><td>22.5 %</td></tr><tr><td>Quiz/Participation</td><td><u>10 %</u></td></tr><tr><td></td><td>100 %</td></tr></table>	Exam I	22.5 %	Exam II	22.5 %	Exam III	22.5 %	Exam IV	22.5 %	Quiz/Participation	<u>10 %</u>		100 %
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Exam IV	22.5 %												
Quiz/Participation	<u>10 %</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.

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.

AMERICANS WITH DISABILITY ACT:

It is the policy of Sam Houston State University that no otherwise qualified disabled individual shall, solely by reason of his/her handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any academic or Student Life program or activity. Disabled students may request assistance with academically related problems stemming from individual disabilities by contacting the Director of the Counseling Center in the Lee Drain Annex or by calling 936.294.1720.

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
- II. A Look at a Year in the Cervid Breeding Industry
 - A. Established Industry Cycles (Spring Cycles)
 - B. Factors that affect Cervid breeders (Spring/Summer)
- III. Cervid Anatomy
 - A. Anatomy and physiology
 - B. Stages of Deer Development
 - C. Feeding Behavior
 - D. General Feed Types
- IV. Cervid Nutrition in a Year
 - A. Spring Quarter
 - B. Summer Quarter
 - C. Fall Quarter
 - D. Winter Quarter
- V. Specific Nutrition Programs
 - A. Breeder Program Specifics
 - B. Stocker Program Specifics
 - C. Proteins Available
 - D. Forages Available
 - E. Other Feeds Available
 - F. Probiotics, Additives, and Supplements

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

- VI. Economics of Deer Nutrition
 - A. Costs per Feed Types
 - B. Estimating Feed Costs per head
 - C. Estimating Total Feed Costs per Year
 - D. How to Maximize Feed Efficiency versus Feed Costs
- VII. Estimating Breeding Facility Cost
 - A. Required Acreage for herd size
 - B. General Layout of Facility
 - C. Estimating Fencing Cost
 - D. Water and Food Sources
 - E. Miscellaneous

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

VIII. Spring and Summer Cervid Diseases

- A. Terminology
- B. Gastrointestinal Diseases
- C. Nervous System Diseases
- D. Respiratory Diseases
- E. Other Diseases and Parasites
- F. Treatments

IX. Spring and Summer Cervid Disease Treatments

- A. Symptom Recognition
- B. Gastrointestinal
- C. Nervous System
- D. Respiratory
- E. Other Treatments

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

X. Laws and Regulations/ and Recordkeeping

- A. Scientific Breeder Permits
- B. Regulatory agencies
- C. Keeping Records
- D. Herd Inventories
- E. Herd Management Software

XI. Fawning Season

- A. Terminology
- B. Preparation and Procedures
- C. Problems and Considerations
- D. Tagging Systems
- E. Record Keeping

XII. Fawn Care

- A. Equipment and materials
- B. Procedures
- C. Diseases and Treatments
- D. Problems/Precautions
- E. Bottlefeeding

***** 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. Students will be required to visit an offsite deer breeding facility during this course