

COLLEGE OF ARTS AND SCIENCES
Sam Houston State University

Course Description and Syllabus

DEPARTMENT:	Agricultural Sciences and Engineering Technology
COURSE NUMBER:	AGRI 4350.01 Agricultural Biosecurity
SEMESTER:	Fall 2017
LOCATION OF CLASS MEETING:	Pirkle building, Rm. 300A/300B
CLASS MEETING TIME:	Wednesday Evening 6:00-8:50
INSTRUCTOR:	Michael C. Moore DVM
TELEPHONE:	Communicate by e-mail unless emergency. e-mail: mcm014@shsu.edu 291-2145(office)
OFFICE HOURS:	By appointment
COURSE DESCRIPTION:	The purpose of this course is to study the intentional or unintentional introduction of contagious organisms to livestock in the United States. Concepts dealing with specific diseases and the potential economic impact as well as preparedness, prevention, response and recovery will be examined.
TEXTBOOK:	None
ATTENDANCE POLICY:	Attendance is extremely important and mandatory. I realize that emergencies and illnesses do happen; however, without a valid excuse, your class participation grade will be strongly affected.

Department of Agricultural Sciences
Attendance Policy

1. Regular and punctual attendance is

expected of each student in the Department of Agricultural Sciences at Sam Houston State University.

2. Each faculty member will keep a written record of student attendance.
3. If a student misses four or more classes, the student's grade will be reduced by one letter grade.
4. Three unexcused or unjustified tardies or early departures are considered as one absence.
5. Excused absences must be documented by the student with a letter of confirmation from the sponsoring student organization professor or doctor. Exemptions will include participation in departmental activities when prior approval is attained from the Department Chair.
6. No exams or assignments will be given at alternative times unless arrangements are made with the professor/instructor before the scheduled activity occurs.

EXAMS AND GRADING PLAN:

The course will consist of three exams and a comprehensive final. Number of exams may change at the discretion of the teacher. Grade will be determined based on equal weighing of all exams.

Graduate students will be required to present an assigned project to the class. This will be treated as an equally weighted test grade.

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.

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. 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.

USE OF TELEPHONES AND TEXT MESSAGERS IN ACADEMIC CLASSROOMS AND FACILITIES:

The use by students of electronic devices that perform the function of a telephone or text messenger during class-time is prohibited. Arrangements for handling potential emergency situations may be granted at the discretion of the instructor. Failure to comply with the instructor's policy could result in expulsion from the classroom or with multiple offenses, failure of the course. Any use of a telephone or text messenger or any device that performs these functions during a test period is prohibited. These devices should not be present during a test or should be stored securely in such a way that they cannot be seen or used by the student. Even the visible presence of such a device during the test period will result in a zero for that test. Use of these devices during a test is considered de facto evidence of cheating and could result in a charge of academic dishonesty.

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.

VISITORS IN THE CLASSROOM:
(According to the Faculty Handbook):

Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

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.

Course Outline:

- I. Bioterrorism/Agroterrorism
 - A. Definition
 - B. Perpetrators
 - C. History
 - D. Weaponization
- II. Global Health/Zoonoses
- III. Agricultural Economics/
Targets/Vulnerabilities
- IV. Effects of Biological Events
 - A. Economic
 - B. Psychological
 - C. Political
 - D. Ancillary Industries
- V. Agents/Pathogens
 - A. Foot and Mouth Disease
 - B. Rift Valley Fever
 - C. Classical Swine Fever (Hog Cholera)
 - D. Avian Influenza
 - E. Exotic Newcastle Disease
 - F. Glanders
 - G. Heartwater
- VI. Response Plans
- VII. Biosecurity/Mitigation Strategies