

Sam Houston State University

COLLEGE OF ARTS AND SCIENCES

Course Description and Syllabus

DEPARTMENT:	Agricultural Sciences
COURSE NUMBER:	AGR 496 Animal Diseases in Public Health
SEMESTER:	Spring 2008
LOCATION OF CLASS MEETING:	Thomason Building, Room 318
CLASS MEETING TIME:	Tuesday 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) 291-3689(home)
OFFICE HOURS:	By appointment
COURSE DESCRIPTION:	The study of diseases shared in nature between animals and man. Emphasis will be placed on how these diseases exist in natural environments, modes of transmission and methods of control and prevention. The course will cover a wide variety of infectious agents (bacteria, virus, protozoa, fungi, and helminth parasites) and the clinical signs that they cause.
TEXTBOOK:	<u>Understanding Zoonotic Diseases</u> , Janet Amundson Romich DVM, MS Thomson Delmar Learning (ISBN 1-4180-2103-2)
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 and Industrial

Sciences Attendance Policy

1. Regular and punctual attendance is expected of each student in the Department of Agricultural and Industrial 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.

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.

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. Introduction: Importance and History of Zoonoses.
- II. Zoonotic Terminologies and Concepts.
- III. Basic Immunology.
- IV. Bacterial Diseases.
 - A. Anthrax
 - B. Brucellosis
 - C. Cat Scratch Disease
 - D. Gastrointestinal Diseases
 - E. Leptospirosis
 - F. Plague
- V. Tick Borne Bacterial Diseases.
 - A. Ehrlichiosis
 - B. Lyme Disease
 - C. Q Fever
 - D. Rocky Mountain Spotted Fever
 - E. Tularemia
- VI. Fungal Diseases.
 - A. Cryptococcosis
 - B. Dermatophytosis
 - C. Histoplasmosis
- VII. Parasitic Diseases.
 - A. Protozoan

 - B. Nematode
 - C. Cestode
 - D. Arthropod
- VIII. Viral Diseases.
 - A. Hanta
 - B. SARS
 - C. Dengue Fever
 - D. St. Louis Encephalitis
 - E. West Nile
 - F. Influenza
 - G. Rabies
 - H. Equine Encephalitides
- IX. Prion Disease.