

## COLLEGE OF ARTS AND SCIENCES

### Sam Houston State University

#### Course Description and Syllabus - Undergraduate

<b>DEPARTMENT:</b>	Agricultural and Industrial Sciences
<b>COURSE NUMBER AND TITLE:</b>	AGR 483 - Range Management
<b>SEMESTER:</b>	Summer II 2008 – July 8 to July 21
<b>LOCATION OF CLASS MEETING:</b>	Thomason 322
<b>CLASS MEETING TIME:</b>	Monday through Friday, 8:00 am – 12:00 pm
<b>INSTRUCTOR:</b>	Kyle J. Stutts, Ph.D., Assistant Professor
<b>OFFICE LOCATION:</b>	Thomason - Room 311 A
<b>TELEPHONE:</b>	936-294-1219 (office)
<b>EMAIL:</b>	kjs015@shsu.edu
<b>OFFICE HOURS:</b>	As posted or by appointment

#### **COURSE DESCRIPTION:**

The purpose of this course is to introduce students to the science of range management, coupling the latest concepts and technology with proven traditional approaches. Students will learn fundamental topics such as range plant physiology, range plant ecology, rangeland stocking rate considerations, and grazing system selection. Students will also learn multiple use management practices that are used to provide society with meat, water, wildlife, and recreational opportunities on a sustained basis from lands unsuited for permanent civilization.

#### **REFERENCE AND TEXTBOOK:**

Range Management Principles and Practices. Holechek, Pieper, and Herbel. 5<sup>th</sup> ed. Pearson-Prentice Hall, NJ.

Texas Range Plants. Hatch and Pluhar. Texas A&M University Press, College Station, TX.

Blackboard

#### **ATTENDANCE POLICY:**

Regular and punctual class attendance is expected. If a student misses an exam due to an EXCUSED absence, arrangements must be made IN ADVANCE with the instructor to take the exam. Otherwise, make-up exams will be comprehensive and scheduled at the end of the

semester. Work turned in late (unexcused) will be adjusted 10% for each day late from the original grade received.

**EXAMS AND GRADING PLAN:**

Letter grades will be determined based upon the equal weighing of grades received on written exams.

**UNDERGRADUATE GRADING PROCEDURE:**

Exam I	100 points
Exam II	100 points
Exam III	100 points
Exam IV	<u>100</u> points
Total	400 points

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 or quiz 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. 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. Rangeland and Man
- II. Range Management History
- III. Rangeland Physical Characteristics
- IV. Description of Rangeland Types
- V. Vegetational Areas of Texas
- VI. Range Plant Classification
- VII. Grass Morphology
- VIII. Forb and Shrub Morphology
- IX. Range Plant Physiology
- X. Range Ecology
- XI. Range Inventory and Monitoring
- XII. Considerations Concerning Stoking Rates
- XIII. Selection of Grazing Methods

XIV. Methods of Improving Livestock Distribution

XV. Range Animal Nutrition

XVI. Range Management for Multiple Use

XVII. Range Livestock Production

XVIII. Range Wildlife Management