

RWM 3331

Principles of Range Management

Schedule

Lecture: MW 10 -10:50 RAS 105

Lab: Wednesday 1 - 2:50, 3 - 4:50 MIR 105

INSTRUCTOR:

Dr. Cody B. Scott, VIN 222, 325-656-1851; Cody.scott@angelo.edu

Office Hours:

See attached schedule; anytime my office door is open

Learning Outcome:

The objective of this course is to introduce students to the ecological principles underlying Range Management. Students will gain a basic understanding of: (1) the role of range management in meeting the needs of society, (2) growth and development of individual plants, (3) tolerance/avoidance of herbivory, (4) succession and how plant communities evolve over time, (5) important management issues like determining carrying capacity and stocking rate, and (6) food and habitat selection by herbivores once the course is completed.

Readings:

Readings will be assigned throughout the semester. We will begin each new section of the course with a required reading. These will be posted on Blackboard. In addition, there will be an online assignment accompanying each reading that will need to be completed and submitted online for a grade.

Notes:

Lecture notes for each section on the course will be posted on Blackboard. It is up to each student to read the lecture notes before attending class. Exams over each section of the lecture notes will be completed during scheduled lecture days. During lectures, we will discuss any questions that you may have regarding the notes, and go over additional information, examples, complete exercises outside, and complete pop quizzes over the information. As students, it is your responsibility to have read the reading assignments and reviewed notes prior to attending class.

Attendance:

My attendance policy for this class is based on you attending all lectures on Mondays and Wednesdays, turning in assignments on line or in-person when they are due, and attending labs on Wednesday afternoons to review relevant and additional information. I fully expect some of you may be unable to attend class from time to time because of illness. I will make accommodations for any student that is absent for illness, family emergencies, or school-sponsored trips.

Grading Point System:

<i>Grading</i>	<i>Points</i>
Lecture Quizzes	350
Pop Quizzes	100
Laboratory Assignments	180
On line assignments over readings	240

Your grade at the end of the semester will reflect the total number of points that you have acquired. The course is designed so that you can earn a respectable grade if you are **actively engaged** and turn in all of your assignments on time. *What does actively engaged mean?* Simply put, you put in the time reading and completing assignments on time and attending all lectures and labs. I will send out reminders when assignments are due, but it your responsibility to keep up with assignments and turn those in on time. Some assignments will be completed online and submitted through Blackboard while others will be completed during lecture or lab.

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook^a](#)
- [Angelo State University Catalog^b](#)

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university's [Statement of Academic Integrity^c](#).

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).^d The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)^e for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)^f in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).^g

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day^h](#) for more information.

Title IX at Angelo State University

The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU's Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Miller, J.D.
Special Assistant to the President and Title IX Coordinator
Mayer Administration Building, Room 210
325-486-6357
michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.

If you are wishing to speak to someone about an incident in confidence, you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.

For more information about Title IX in general you may visit www.angelo.edu/title-ix.

Schedule of Lecture Material

Week	Subject
1	Introduction and Overview
2	Range Principles
3	Range Principles
4	Developing Principles
5	Developing Principles
6	Plant Morphology and Physiology
7	Plant Morphology and Physiology
8	Plant Morphology and Physiology
9	Plant Morphology and Physiology
10	Plant Community Dynamics and Vegetation Change
11	Plant Community Dynamics and Vegetation Change
12	Hydrology and Watershed Management
13	Hydrology and Watershed Management
14	Managing Animals on Rangelands
15	Managing Animals on Rangeland
16	Diet and Habitat Selection
17	Final Exam, Monday, May 9 th @ 10:30

Lab Schedule

Week	Lab Activity
1	No Lab
2	Grass Identification
3	Grass ID Quiz (50 points)
4	Shrub and Forb Identification
5	Shrub and Forb ID Quiz (50 points)
6	Plant Morphology and Physiology
7	Plant Morphology and Physiology Quiz (50 points)
8	Plant Community Change (Powerpoint)
10	Using the Climax Model
11	Using States and Transitions
12	Infiltration, Erosion, and Vegetation Change
13	Estimating Stocking Rate Exercise (30 points)
14	Grazing Management
15	Grazing Management

Hours	Monday	Tuesday	Wednesday	Thursday	Friday
8:00-8:50	Office hours	RWM 6339 Vin 250	Office hours	RWM 6339 Vin 250	Field Research at MIR Center
9:00-9:50	Office hours		Office hours		
10:00-10:50	RWM 3331 RAS 105	Office Hours	RWM 3331 RAS 105	Office Hours	
11:00-11:50	Lunch	RWM 2321 A 113	Lunch	RWM 2321 A 113	
12:00-12:50					
1:00-1:50	Field Research at MIR Center	Field Research at MIR Center	RWM 3331 Lab MIR 105	Field Research at MIR Center	
2:00-2:50					
3:00-3:50					
4:00-4:50					

Office Hours are also available on Monday, Tuesday, Wednesday, and Thursday afternoons by appointment. Appointments for office hours can be made by email (Cody.Scott@angelo.edu) or by text message (325-656-1851).

For more information about Title IX in general you may visit www.angelo.edu/title-ix.

^a <https://www.angelo.edu/current-students/student-handbook/>

^b <https://www.angelo.edu/academics/catalog/>

^c <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

^d <https://www.angelo.edu/current-students/disability-services/>

^e <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

^f <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

^g https://www.angelo.edu/current-students/writing-center/academic_honesty.php

^h <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>