

Forage Production and Utilization

RWM 2321

Tuesday and Thursday 11 – 12:15

Academic 113

Instructor: Dr. Cody B. Scott, VIN 222, 325-656-1851, Cody.Scott@angelo.edu

Office Hours

See attached schedule. If my office door is open at any other time, please feel free to stop by and visit or ask questions.

Course Objective

This class is designed to introduce students to the classification, distribution, production, and utilization of forage as related to wildlife and livestock production systems. Specifically, we will address vegetation types, climatic regions, plant morpho-physiology, forage quality and evaluation, improving forage production, and forage-induced disorders.

After successful completion of the course, students should be able to:

- (1) Identify forage-induced disorders in livestock,
- (2) Describe how plant susceptibility to grazing changes throughout the year, and
- (3) Develop management recommendations for supplementation.

Text and Readings

The required text for this class is the latest edition of *Forages Vol. I: An Introduction to Grassland Agriculture* by Barnes et al. We will be reading and discussing several chapters out of the text. Students will be expected to read assigned readings before the next class meeting and answer questions on line regarding the chapter. In lecture, we will discuss the reading, review the lecture notes, and discuss other relevant information.

I have developed a set of notes for this class. These will be provided on Blackboard. Prior to beginning a new section in the course, each student should download the lectures notes and bring a printed or electronic copy to lecture. The notes are written in outline form with space provided for you to take additional notes if needed. I do this because I believe the most efficient way for students to learn is through participation. It is very difficult to participate in class discussions or to raise questions if you are writing down every-other-statement made by the instructor. By providing notes, each student will be free to listen, think, and add to

discussions in class.

Course Delivery

Please note that even through some of the essential information and assignments will be available on line, **this is not an on-line course**. All students are expected to attend lectures on both Tuesday and Thursday morning. Weekly discussions, lectures, and ancillary information will be covered in lecture to supplement the information on line.

Grading

<i>Grading</i>	<i>Points</i>
Lecture Quizzes	500
Other Assignments	200
Total	700

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 lectures. **It is up to you to check daily Blackboard for any assignments.** While some assignments will be completed and submitted on line, all lecture quizzes will be given face-to-face during lectures on Tuesdays or Thursdays.

I believe that participation is crucial for effective learning; the effort you place on discussing issues in class could improve your grade. I reserve the right to increase your letter grade, but only if your efforts suggest to me that you have completely read all assignments and you capitalized on opportunities to ask questions and discuss key points.

If you have a problem turning in your assignments or in attending class, please let me know. If you have a valid excuse, then I will allow you to turn in your assignments late, but there will be a severe loss of points on your assignment grade.

General Policies Related to This Course

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

- [Angelo State University Student Handbookⁱ](#)
- [Angelo State University Catalogⁱⁱ](#)

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](#).ⁱⁱⁱ

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](#).^{iv} 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](#)^v for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)^{vi} 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](#).^{vii}

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](#)^{viii} 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.

Tentative Schedule

Forage Production and Utilization

Week	Subject
1	Syllabus, Overview, Introduction
2	Definitions, Introduction, Climate Classification
3	Climate Classification
4	Climate Classification and Vegetation Types
5	Plant Morphology
6	Plant Morphology
7	Plant Morphology and Physiology
8	Photosynthesis and Physiology
9	Photosynthesis and Physiology
10	Weed Control
11	Weed Control
12	Nutrition and Supplementation
13	Nutrition and Supplementation
14	Nutrition and Supplementation
15	Forage-induced Disorders
16	Forage-induced Disorders
17	Final Exam, Tuesday, May 10th @ 10:30

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).

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

ii <https://www.angelo.edu/academics/catalog/>

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

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

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

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

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

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