

Syllabus

NRM 3201 Wildland Plants

Fall 2020

Instructor: Jeff Keeling
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Class Meeting Times:

Tuesday 3:00–3:50 and Thursday 3:00–4:50

Course Description:

A study of wildland plants and plant communities, including identification; growth and phenology; forage and browse value; restoration value; and habitat. Offered fall.

Learning Objectives:

1. Students will be able to identify important wildland plants of Texas and the western U.S.
2. Students will learn applied techniques for unknown plant identification
3. Students will be able to identify uses for different wildland plants

Student Learning Outcomes for the B.S. in Natural Resource Management

1. Students will be able to identify species of wildland plants and wildlife common to the western United States and describe their natural history.
2. Students will be able to demonstrate knowledge of the elements of an ecosystem.
3. Students will be able to communicate about natural resources and conservation both verbally and in writing.

Recommended Books and Required Materials:

- Trees and Shrubs of the Trans-Pecos, A. M. Powell
- Grasses of the Trans-Pecos, A. M. Powell
- Guide to Texas Grasses, R. Shaw
- North American Wildland Plants, Stubbendiek, Hatch, Bryan and Dunn, 3rd edition
- Range Plants of North Central Texas, R Linex
- Wildflowers of the Davis Mountains and the Marathon Basin, B. H. Warnock
- Wildflowers of the Guadalupe Mountains and the Sand Dune Country, B. H. Warnock
- Woody Plants of the Big Bend and Trans-Pecos, L. Harveson et.al.
- Flowering Plants of Trans-Pecos Texas and adjacent areas, Powell and Worthington

- Three ring binder with acid free paper (scrap book type that is heavier for mounting plants)
- Plant press

Class Organization:

1. The SRSU catalog states "The instructor may, at his discretion, drop a student from a course when the student has a total of nine absences. An absence is defined as non-attendance in fifty minutes of class. Non-attendance in a one and one-half hour class will constitute one and one-half absences." Come to class! Attendance and class participation will be considered when assigning a final grade.
2. Cheating on any exam or assignment will result in an F for that material and possible expulsion from the class with a grade of F.
3. Missed exam policy: No make-up exams will be provided for an unexcused missed exam. If you miss an exam without an excused absence, you will receive a score of 0 for that exam. Makeup exams will be available for authorized absences but must be completed within one week of the original exam date.
4. If you miss a lecture, you may obtain notes from a willing classmate. Handouts, and assignments may be obtained from me or on Blackboard
5. It is Sul Ross State University Policy to provide reasonable accommodation to students with disabilities. If you would like to request such accommodations because of physical, mental, or learning disability, please contact: Accessibility Services Coordinator, Counseling and Accessibility Service, Ferguson Hall Rm. 112, 432-837-8203

Week 1	Introduction and Class Requirements	Plant Morphology
Week 2	Plant Description Exercise	Desert Grassland Plants 1
Week 3	Quiz on Desert Grassland Plants 1	Desert Grassland Plants 2
Week 4	Quiz on Desert Grassland Plants 2	Hot Desert Shrub Plants
Week 5	Quiz on Hot Desert Shrub Plants	Riparian Plants
Week 6	Quiz on Riparian Plants	Desert Grassland Plants 3
Week 7	Quiz on Desert Grassland Plants 3	Review for Midterm
Week 8	Review for Midterm	Mid Term!
Week 9	Return and Discuss Midterm	Mid and Tall Grassland Plants
Week 10	Quiz on Mid and Tall Grassland Plants	Hill and Mountain Plants 1
Week 11	Quiz on Hill and Mountain Plants 1	Hill and Mountain Plants 2
Week 12	Quiz on Hill and Mountain Plants 2 Plant Notebook Due!!	Desert Grassland Plants 4
Week 13	Quiz on Desert Grassland Plants 4	Mixed Prairie Plants
Week 14	Option 1 – Quiz on Mixed Prairie Plants	No Lab – Thanksgiving
Week 15	Option 2 – Quiz on Mixed Prairie Plants	Review for Final
Week 15	Final!! 3:00-5:00	

Grades:

Weekly quizzes	100 points	<u>Grade Assignment:</u> <60 = F 60-69 = D 70-79 = C 80-89 = B 90-100 = A
Midterm	100 points	
Plant specimen notebook	200 points	
Final	100 points	