

**AGCR 1307**  
**Range Management**  
**Western Texas College**

- I. Basic Course Information
  - A. Course Description: Practical problems of managing native pastures and rangelands. Includes rangeland ecology, stocking rates, rotation systems, toxic plants, range reseeding, brush control, and ecological and physiological responses of range vegetation to grazing.
  - B. Prerequisites: None
  
- II. Student Learning Outcomes
  - A. Identify range problems including toxic plants, overgrazing, and water distribution
  - B. Evaluate brush control methods including biological, mechanical, chemical, and range burning
  - C. Devise range reseeding and water development plans
  - D. Design rotational grazing systems
  - E. Compute stocking rates
  
- III. Major Course Requirements
  - A. Internet iCEV Lessons
  - B. Demonstrations
  - C. Presentations
  - D. Reading
  - E. Field Trips and Field Works
  
- IV. Information on Books and other Course Materials
  - A. None Required
  
- V. Other Policies, Procedures and Important Dates: Please refer to the WTC Course Catalog for the following:
  - A. Campus Calendar
  - B. Final exam schedule
  - C. How to drop a class
  - D. Withdrawal information
  - E. Student Conduct/Academic Integrity
  - F. Class Attendance
  - G. Students with disabilities

## VI. Course Organization and Schedule

<b>Week</b>	<b>Topic</b>
Week 1	Course Introduction
Week 2	Basic plant growth
Week 3-4	Economically significant characteristics of grasses
Week 5-6	Classification of rangeland
Week 7-8	Relation of grazing animals to forage plants
Week 9-10	Proper use practices
Week 11-12	Grazing systems
Week 13-14	Range improvement practices
Week 15	Review
Week 16	Final

\*Disclaimer: Schedule, content and grading percentages are subject to change at the instructor's discretion.