

AGRI 230

Wildlife and Conservation Management

AGRICULTURE  
SCIENCE  
DIVISION OF ARTS AND SCIENCES  
SOUTH PLAINS COLLEGE SPRING  
Fall 2017  
Ron Presley

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**Office Hours:**

Monday 2:00 – 4:00  
At Levelland

Tuesday 2:00 – 4:00  
At Reese Library

Thursday 2:00 – 4:00  
At Reese Library

Friday 9:00 – 12:00  
At Levelland

**TEXT:** Range Management Principles and Practices / Jerry L. Holechek, Rex Pieper, Carlton H. Herbel. – 6<sup>th</sup> ed.

**MISSED EXAM POLICY:**

There will be 12 weekly quizzes and 12 weekly written assignments. Each week's quizzes and assignments will be worth 125 points. There will be at least seven days between which each weeks work is due. Thus, there will be no work accepted after the due date.

**GRADES:**

12 Exams and Quizzes	1500 points.
1 Comprehensive Final Exam	200 points.
Total Points	1700 points.

A - 90% - 1530 pts.  
B - 80% - 1360 pts.  
C - 70% - 1190 pts.  
D – 60% - 1020 pts.

**Course Description:** Principles and Practices used in the production and improvement of wildlife resources. Aesthetic, ecological, and recreational uses of public and private land.

**Course Requirements:** To maximize the potential to complete this course, a student should complete all class and laboratory meetings, take notes and participate in the course when assigned, complete all homework assignments and examinations including final examinations.

**CORE OBJECTIVES TO BE ADDRESSED:**

**Communication** – to include effective written, oral and visual communication

**Critical Thinking Skills** – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information

**Empirical and Quantitative Skills** – to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions

**Teamwork Skills** – to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

**PREREQUISITES:** None

**Student Learning Outcomes / Competencies:**

Upon completion of this course and receiving a passing grade, the student will be able to Define and understand the practical application of the following:

- Explain basic ecological principles of population dynamics, habitat, succession, and ecosystems.
- Describe how these ecological principles can be applied to manage wildlife populations and habitats.
- Contrast wildlife management strategies for different purposes (i.e. recreation, conservation, and preservation).
- Use critical thinking and scientific problem solving to make informed decisions about wildlife and natural resources management strategies.
- Discuss the impact of current trends and societal issues on wildlife and increased demands on natural resources.

Topics:

Rangeland and Man  
Range Management History  
Range land Physical Characteristics  
Description of Rangeland Types  
Range Plant Physiology  
Range Ecology  
Range Management for Multiple Uses  
Range Livestock Production  
Range Wildlife Management  
Range Management in Developing Countries  
Rangeland Economics  
Range Management Planning, Computers and the Future.

**DIVERSITY STATEMENT:** In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

**ADA Statement:** Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office through the Guidance and Counseling Centers at Reese Center (Building 8) [716-4606](tel:716-4606), or Levelland (Student Services Building) [716-2577](tel:716-2577)

