

CFISD Range Ecology Management

Scope and Sequence

Course Description:

This course is designed to develop students’ understanding of rangeland ecosystems and sustainable forage production. Students will study methods for maintaining and improving rangeland for livestock and wildlife management.

- ◆ 1 credit, Grades 11-12
- ◆ Required prerequisite: Wildlife, Fisheries and Ecology Management
- ◆ Lab supplies or fee may be required.

[TEKS](#)

Program of Study: Environmental and Natural Resources

Cluster: Agriculture, Food, and Natural Resources

Endorsement: Business & Industry

- Meets advanced course requirement (Y/N): Y
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

| Instructional Units | Pacing |
|--|--------------------------------|
| 1 st Semester Rangeland and Man Range Management History Range Ecology Rangeland Physical Characteristics | 1 st Grading Period |
| Description of Rangeland Types Range Plant Identification Range Inventory and Monitoring | 2 nd Grading Period |
| 2 nd Semester Considerations Concerning Stocking Rate Selection of Grazing Methods Methods of Improving Livestock Distribution Range Animal Nutrition Range Management for Multiple Use Range Livestock Production Range Wildlife Management | 3 rd Grading Period |
| Manipulation of Range Vegetation Range Management in Developing Countries Rangeland Economics Range Management Planning, Computers, and the Future | 4 th Grading Period |