

CFISD Range Ecology Management

Scope and Sequence

Endorsement: Business & Industry**Cluster:** Agriculture**Meets advanced course requirement?** YES ▾**Program of Study:** Environmental & Natural Resources**Meets foundation requirement for math, science, fine arts, English, LOTE?** NO ▾**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.

TEKS link

- 1 credit
- Grades 11-12
- Lab supplies or fee may be required
- Required prerequisites: Wildlife, Fisheries, & Ecology Management

Industry Certification/Credential: n/a

Instructional Units	Grading Period
Careers and Employability Supervised Agricultural Experience Projects Rangeland and Man Range Management History Range Ecology Rangeland Physical Characteristics	N1 (fall)
Description of Rangeland Types Range Plant Identification Range Inventory and Monitoring	N2 (fall)
Considerations Concerning Stocking Rate Selection of Grazing Methods Methods of Improving Livestock Distribution Range Animal Nutrition Range Management for Multiple Use	N3 (spring)
Range Livestock Production Range Wildlife Management Manipulation of Range Vegetation Range Management in Developing Countries Rangeland Economics Range Management Planning, Computers, and the Future	N4 (spring)

Primary Instructional Materials:**Supplemental Instructional Materials:** Range Management Principles and Practices 6th edition by Prentice Hall