

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
- ◆ **Natural Resource Systems NOCTI cert satisfies the requirement to earn a performance acknowledgement.**
- ◆ 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): N
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: **Natural Resource Systems NOCTI certification**

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 Natural Resource Systems NOCTI certification	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

Primary Instructional Materials: Range Management 6th edition Principles and Practices