

## CFISD Livestock Production

### Scope and Sequence

**Course Description:**

This course is an in-depth study to develop knowledge and skills pertaining to all areas and kinds of livestock production. Topics which give the student an insight into livestock management include animal foods, nutrition and growth, reproduction, animal health, animal handling techniques, and livestock sales.

- ◆ 1 credit, Grades 10 - 12
- ◆ Required prerequisite (or concurrent) for 10th graders: Principles of Agriculture, Food, and Natural Resources
- ◆ Lab supplies or fee may be required.

TEKS

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: Texas Beef Quality Assurance (Course also includes prep work for CVA to be earned in Vet Med.)

Instructional Units	Pacing
<b>1<sup>st</sup> Semester</b> Supervised Agricultural Experience Programs The Livestock Industry Livestock Production Careers Technical skills relating to the interrelated human, scientific, and technological dimensions of animal systems Animal restraint techniques	1 <sup>st</sup> grading period
Identification techniques Anatomy and physiology related to nutrition Nutritional requirements of ruminant and non-ruminant Poultry Reproduction	2 <sup>nd</sup> grading period
<b>2<sup>nd</sup> Semester</b> Anatomy and physiology Genetics Health and management  Animal Pest and Disease	3 <sup>rd</sup> grading period
Factors impacting commodity prices and cost Business operations Effective management practices Employability characteristics of a successful employee Review and test	4 <sup>th</sup> grading period