

CFISD Veterinary Medical Applications

Scope and Sequence

Endorsement: Business & Industry**Cluster:** Agriculture**Meets advanced course requirement?** YES ▾**Program of Study:** Animal Science**Meets foundation requirement for math, science, fine arts, English, LOTE?** NO ▾**Course Description:**

This course is designed for students preparing for careers in the field of animal science. Topics covered include, but are not limited to career opportunities, entry requirements, industry expectations, animal systems, and veterinary practices as they relate to both large and small animal species.

TEKS link

- 1 credit
- Grades 11-12
- Lab supplies or fee may be required
- Required prerequisites: Livestock Production **OR** Small Animal Management **OR** Equine Science

Industry Certification/Credential: Certified Veterinary Assistant-Level I **AND** Elanco Vet Med Certification**TEA recognized IBC (to count toward program of study completion)?** YES ▾ (both)

Instructional Units	Grading Period
Employability characteristics of a successful employee Safety Zoonotic Diseases Animal Behavior Animal Welfare	N1 (fall)
Medical Terminology Prefixes, suffixes & roots, Anatomical terms, Body Systems using medical terminology Breeds	N2 (fall)
Anatomical Sites for injections Vital signs Mathematical Calculations Animal Disease Health, Pathogens, Treatment, Immunity & Disease Transmission Surgical Tools Elanco Vet Med Certification	N3 (spring)
Hematology Internal & External Parasites Clinical Examination Hospital Procedures Imaging Equipment Surgical Procedures Pharmacology Procedures	N4 (spring)

Primary Instructional Materials: iCEV Agricultural Science Site by CEV Multimedia Ltd.**Supplementary Instructional Materials:** ACT certification prep materials