

CFISD Veterinary Medical Applications

Scope and Sequence

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.

- ◆ 1 credit, Grades 11-12
- ◆ Required prerequisites: Principles of Agriculture, Food, and Natural Resources and either Livestock Production, Small Animal Management, or Equine Science
- ◆ CVA certification satisfies requirement to earn a performance acknowledgement.
- ◆ Lab supplies or fee may be required.

TEKS

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

Industry Certification/Credentials: OSHA 10-Hour Certification (Optional), Certified Veterinary Assistant-Level I

Instructional Units	Pacing
1st Semester Course Overview/Get to Know You Employability characteristics of a successful employee Hospital Management & Marketing of Veterinary Clinics & Hospitals Effective Communication Develops an SAE as it relates to Agriculture – Record Book Ethics & Laws Human Bond Animal Interaction Animal Rights vs Animal Welfare Safety Animal Identification, Characteristics & Behavior Common Breeds Handling/Restraining Animals in Society Historical events that have influenced animal use Legal aspects of welfare and rights Domestication Policies & Procedures/Local, State & Federal Laws	1st Grading Period
Medical Terminology Prefixes, suffixes & roots Anatomical terms Body Systems using medical terminology Body Systems Skeletal, Muscular, Respiratory, Circulatory, Digestive, Endocrine, & Nervous Systems Review & Testing	2nd Grading Period
2nd Semester Anatomical Sites for injections Vital signs Mathematical Calculations	3rd Grading Period

Rev for Fall, 2019

Animal Disease Health Pathogens Treatment Immunity & Disease Transmission Breeds Surgical Tools	
Clinical Hematology and Pathology Internal & External Parasites Clinical Examination Hospital Procedures Imaging Equipment Surgical Procedures Pharmacology Procedures Review & Finals	4 th Grading Period

Primary Instructional Materials: ICEV Agricultural Science Site by CEV Multimedia Ltd., ACT certification prep materials