

# Veterinary Medical Applications Syllabus

## **Course Description/Goals:**

Veterinary Medical Applications is a hands-on introduction to the concepts and skills related to the veterinary science industry while preparing students for a Veterinary Assistant Level 1 certification exam. Students develop competencies in the health, nutrition and safe handling of small and large animals, as well as the regulations for surgical preparations, vaccine predation and injection technique, and medical terminology in relation to the anatomy, physiology, and infectious diseases of animals. Live animals will be used in this class for skill development.

## **Course TEKS/Objectives:**

Veterinary Science covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic knowledge and skills, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

## [Veterinary Medical Applications TEKS](#)

## **Course Outline:**

Semester 1	Semester 2
<ul style="list-style-type: none"><li>-Leadership in Agriculture Education</li><li>-Careers in Veterinary Medicine</li><li>-Animals in Society</li><li>-Office Management</li><li>-Terminology</li><li>-Body Systems</li><li>-Calculations</li></ul>	<ul style="list-style-type: none"><li>-Disease and Parasites</li><li>-Clinical Exams &amp; Equipment</li><li>-Animal Nutrition</li><li>-Laboratory / Hospital Procedures</li><li>-Proper Animal Handling &amp; Care</li></ul>