

# Veterinary Medical Applications



**Prerequisite:** Advanced Animal Science

**Course:** 114OCT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 11-12

## Course Description

This course is a continuation of the Advanced Animal course but will provide more detailed training in the unlicensed veterinary assistant field. As a part of the curriculum, instruction is provided to assist students in practicing communication skills, utilizing listening skills to follow directions, practicing basic mathematics skills as applied to a veterinary medical setting, and reading to gain information and to perform assignments and tasks as directed. The purpose of Veterinary Medical Applications is to provide an in depth look into the veterinary sciences and seek possible careers in this diverse field of study. We will cover all animal species from large to small animal. This will include basic veterinary terminology, basic veterinary skills, and utilization of various tools. Students interested in Veterinary Technician, Veterinary Medicine or Agriculture Science Education as a career should take this class.

## Student Activities

This upper-level course includes, but is not limited to, animal handling and restraint, health and safety, sanitation, surgical preparation, anatomy, physiology, medical terminology, infectious diseases, instrument and equipment identification, vaccine preparation and injection techniques, laws and ethics, and veterinary office procedures.

Students in Veterinary Medical Applications will have an opportunity to be a part of the largest student-led organization in the nation, The FFA Organization. Through the FFA, the students will have the opportunity to participate in real-world competitions and leadership contests at the district, state and national level. These competitions allow students access to more than one million dollars in scholarships annually. Students will also have the opportunity to expand their knowledge beyond the classroom through Supervised Agricultural Experiences (SAE's).

## Competitions

Livestock Shows, Leadership Development Competitions, Career Development Events in Veterinary Science, etc.

## Additional Considerations

If seeking certification, curriculum cannot be modified. Must get extended vet hours for certification. Students handle sharp objects and travel to the Arlington Shelter regularly.

## Organizations



## Certifications

Elanco Veterinarian Medical Applications  
Certification Possible  
Student Cost: \$35

Certification paid for by CTE if student has an 80+ GPA in course and passes a practice test