

Vet Med 2025-2026

11-12th Graders

Midland High School

Length of Course: Year Long

Semester: Fall Semester

Credit Hours: 1 Credit

Prerequisite: Principles of Agriculture

Contact:

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Conference Period: 7th: 3:25-4:10

Course Description

Veterinary Medical Applications 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 skills and knowledge, 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.

Course Objectives

By the end of this course, students will be able to:

Objective 1	The student demonstrates professional standards/employability skills as required by business and industry
Objective 2	The student develops a supervised agriculture experience program.

Objective 3	The student researches current topics in veterinary medicine, recognizes the importance of animals in society, and discusses professional ethics and laws that relate to veterinary medicine.
Objective 4	The student evaluates veterinary hospital management and marketing to determine their importance to the success of veterinary clinics and hospitals.
	The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly.
	The student explores the area of animal management as it relates to animal identification, animal characteristics, and behavioral temperament.
Objective 5	The student communicates the importance of medical terminology, evaluates veterinary terms to discover their meanings, and demonstrates the ability to use terms correctly.
Objective 6	The student explores the area of animal management as it relates to animal identification, animal characteristics, and behavioral temperament.
Objective 7	The student investigates the body systems and gains a working knowledge of each system's purpose and functions and how each system is affected by disease

Instructional Materials & Supplies

- ICEV
- Chromebooks
- Tech access: Google Classroom
- Folder and paper
- Writing Utensils
- Vet Med textbook
- \$40 FFA Dues (One time fee for the year)

Course Outline

UNIT	TOPIC	APPROXIMATE TIME
Unit 1	Animals & Society	2 weeks
Unit 2	Animals in Research	2 weeks
Unit 3	Veterinary Laws & Ethics	2 weeks
Unit 4	Common Veterinary Medical Equipment	2 weeks
Unit 5	Veterinary Medical Terms & Terminology	4 weeks
Unit 6	Basic Canine & Feline Anatomy	1 week
Unit 7	External Anatomy of Livestock: Terms & Terminology	2 weeks
Unit 8	Circulatory & Respiratory Systems	2 weeks

(Adjust number of units and time frames as needed.)

Grading Breakdown

Major assignments are those that allow you to demonstrate mastery of the course objectives. Minor assignments include skill checks, quizzes, homework, and other short assessments that contribute to your overall understanding of the course material.

Category	Percentage
Major Assignments (Tests, Projects)	60%
Minor Assignments (Quizzes / Skills Checks)	40%
Semester Exam / Project	15%

Grade Scale: A = 90–100 | B = 80–89 | C = 70–79 | F = < 70

Semester grades include a grade for each of the three six-week periods and an exam or project that is weighted 15% of the overall semester grade.

Classroom Expectations

1. Be on time to class and bring required supplies.
2. Be respectful to others and the classroom.
3. Come willing to work and learn.
4. Listen while others are talking.
5. Follow all lab safety rules at ALL times.
6. Take care of the classroom and others around you.
7. Chromebooks
 - Make sure to have your chromebook charged and ready to use in class.
8. No phone usage will be allowed in class. (Will remain in your backpack the entire class)
 - If there is a conflict or emergency occurring, please communicate with me and we will discuss how to handle the situation.
9. Drinks and Food
 - NO DRINKS, FOOD, CANDY, OR GUM.
 - Water with a screw top lid will be permitted. All bottles must be clear with a lid.
10. Bathroom Breaks
 - Take the time to go before class.
 - No bathroom 10 minutes after the bell rings, or 10 minutes before the bell rings.
 - You must complete the online pass on your chromebook, if you do not have one you will not leave the class.
11. Tardy Policy
 - If the bell rings & you are not in your seat, you are tardy.
 - Arriving 10 minutes after the bell is counted as an absence.
12. Follow safety protocols (PPE, tools, etc.)

Behavior and Consequences:

Failure to follow the classroom procedures, expectations and responsibilities will result in one or more of the following consequences depending on the severity of the incident:

1. A reminder of the expectation.
2. Student/teacher conference.
3. Parent/guardian phone call and/or conference.
4. Office referral.

Any violation that involves the mention of bodily harm or any other severely disruptive behavior will result in immediate administrative action.

NOTE: Extreme disruption will be the cause for the student to be sent to the assistant principal immediately without going through steps 1-3.

Attendance & Participation

Agriculture courses are cumulative—what students learn today will be built upon in future classes. Participation in the FFA program, labs, and SAE (Supervised Agricultural Experience) projects often requires active classroom involvement and attendance. Students who demonstrate consistent attendance and engagement are more likely to:

- Earn industry-recognized certifications
- Compete and succeed in FFA events
- Be eligible for advanced ag courses, leadership roles, and scholarships

Attendance Expectations:

Students are expected to attend class daily and arrive on time to be successful in this program. Students who are absent miss valuable instruction, group projects, hands-on labs, and leadership development opportunities that are difficult to replicate outside the classroom.

- More than 5 unexcused absences in a semester may lead to:
 - Academic struggles due to missed content or assessments
 - Ineligibility for FFA event participation
 - Difficulty continuing onto the next course in the Animal Science pathway

Note: Make up missed work with 1 school day allowed for each excused absence. It is the student's responsibility to check in with the teacher and make up for missed work within the designated time frame.

Please notify the school if your child will be absent. Frequent or extended absences may make it more difficult for your child to learn necessary foundational skills that ensure student success this year and in future school years.

Late Work & Make-Up Policy

- Students are allowed one day of make-up time for each day of absence
 - Late assignment penalties:
 - 1 School Day Late- Maximum Grade of 90
 - 2 School Days Late- Maximum grade of 80
 - 3-5 School Days Late- Maximum grade of 70
 - Missed assessments must be rescheduled
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Academic Integrity

Cheating or plagiarism is not tolerated. First offense may result in a zero and parent contact. Further violations follow district policy.

Industry-Based Certifications

This course aligns with—and prepares students for—the following credentials:

- **Elanco Veterinary Medicine Applications Certification**
 - Offered: Spring Semester and taken in the month of March
 - Required for all graduating Seniors enrolled in Veterinary Medicine for the year.
 - Cost: No charge to student
 - Preparation: in-class instruction, online guides, study guides, practice tests, etc.

Earning credentials enhances employability and may qualify for dual credit or advanced placement.

Career & Technical Student Organization (CTSO) Involvement

Midland HS FFA

- *Description:* Texas FFA Association is a student organization focused on agricultural education and leadership development. It's one of the largest state FFA associations in the National FFA Organization. The Texas FFA is part of a three-part model of agricultural education, alongside classroom instruction and Supervised Agricultural Experiences (SAEs). The organization aims to empower students to develop premier leadership, personal growth, and career success within the agricultural industry.
 - *Activities:* FFA Meetings, Leadership Development Events (LDE) & Career Development Events (CDE) Competitions, FFA Service projects, Supervised Agricultural Experiences (SAE)
 - *Requirements:* To become a member of the Texas FFA (Future Farmers of America), a student must be enrolled in an agriculture, food, and natural resources course at the secondary level (grades 7-12). They must also pay required dues and show int
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Safety & Equipment Use

- Always follow safety instructions and wear required PPE
 - Report damaged tools/equipment immediately
 - Violation of safety protocols may result in removal from lab and disciplinary action
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Parent/Guardian Communication

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- Progress reports sent every 3 weeks if grade is below 70.
 - Grades available in Skyward
 - Please email or call with questions or concerns
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Acknowledgment of Understanding

Please return this signed page by [Date].

Student Name: _____ **Signature:** _____

Guardian Name: _____ **Signature:** _____

Preferred Contact (Email/Phone): _____

Please see Midlandisd.net/CTE for more information regarding nondiscrimination.