

Veterinary Science Syllabus

Instructor/Contact Information

Mrs. Perry

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Course Information

Prerequisites: Agriscience, Small Animal Science, and Large Animal Science

Required Materials: 1 inch binder OR Notebook and Folder, writing utensil, notebook paper, computers

Course Description

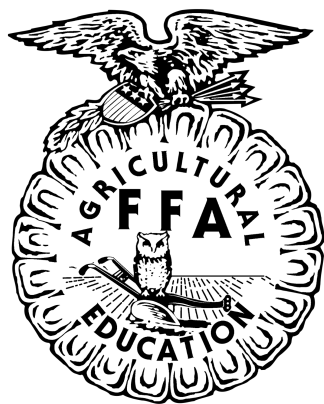
Veterinary Science is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills. Upon completion of this course, students will be able to pursue advanced study of veterinary science at a postsecondary institution.

Course Goals

- Provide education in and about agriculture from the perspective of science and technology.
- Prepare students for employment in agricultural careers.
- Prepare students for entry into postsecondary programs in animal science fields.
- Develop life and employability skills essential for successful employment.
- Develop skills needed to fulfill occupational, social, and civic responsibilities.

Tentative Topics

- Career exploration
- Emerging technologies
- Occupational safety
- Safety and operational procedures
- Personal and animal safety
- Ethical issues
- Legal Regulations
- Clinical terminology
- Cellular homeostasis
- Tissue anatomy
- Body systems
- Nutritional assessments
- Diseases and disorders
- Clinical equipment
- Clinical procedures



- Vaccines and injections
- Contamination prevention
- Plan of care: animal nursing
- Basic first aid
- Pharmaceutical
- Hematology
- Genomics
- Clinical Management

Course Policies

Homework: Textbooks are limited, so homework will be given by handout or Canvas

Cell phones/Headphones: When you come to class, turn your cell phone and headphones into the basket hanging on the door next to my desk. Cell phones should be turned off and on silent.

Clothing: You will be required to participate in labs and may be asked to go outside at any given time, so keep closed toe shoes in preparation. You will be notified at least 2 days in advance of labs to participate. Sandals and open toe shoes are not acceptable.

Restests: I realize there are extenuating circumstances that may require a student to be absent on the day of a test. In the case that you must miss the test, please see me PRIOR to the day of the test. If you are sick or an emergency arises that causes you to not be able to notify me, I will need proof the next class period you return. Any make-up exam will not be the same as the original exam.

Grading Scale:	
<u>A</u>	90-100
<u>B</u>	80-89
<u>C</u>	70-79
<u>D</u>	60-69
F	<59

(Student Signature)

(Parent Signature)

(Date)