



Veterinary Science

Syllabus- Spring 2018

Chuckey-Doak Ag. Dept. / FFA



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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.

Goals and Objectives:

- Develop good habits, attitudes, judgments, and the ability to participate with others in a work environment
- Create an understanding for the importance of the agriculture industry in its entirety
- Develop student comprehension of science and mathematics content through application in agriculture
- Create a desire in students to seek additional skills and knowledge in a given area of interest
- To develop a strong understanding about large/livestock animals in all areas including meat production.

WHAT IS VETERINARY SCIENCE



"It's preventing, diagnosing & treating health problems in animals"



Involves using healthcare practices to maintain & restore an animal's health & wellbeing



Example:
Vets perform complex surgeries & diagnose animal diseases

Course Outline:

Topic/Subject	Duration/Time
Veterinary Laws and Ethics	2 weeks
Economic/Occupational Implications	1.5 weeks
Personal and Occupational Health/Safety (Diseases, etc.)	1 week
Clinical Management	1 week
Anatomy and Physiology	3 weeks
Principles of Disease	1 week
Clinical Nutrition	2 weeks
Clinical Procedures	2.5 weeks
Laboratory Procedures	2.5 weeks
Animal Nursing	1.5 weeks

Textbook: *Introduction to Veterinary Science (3rd edition)*

Grading Procedure:

- Participation/Laboratory Activities – 20%
- Tests – 30%
- Notebook – 20%
- Quizzes – 10%
- Portfolio – 20%



Grading Policy:

- *Grades are based on the assignment. Some assignments may be worth 10 pts, while others are worth 100 pts. (This is due to different levels of assignment rigor and amount of time needed for completion.)
- *All work is to be completed on time or 10% of the points will be deducted per day late.
- NO WORK will be accepted one week after due date.
- You are encouraged to keep track of your own grades or by using Skyward.
- *Keep all returned work in your folder as proof of grade.
- *Extra points will be given for high quality extraordinary work, and points may be deducted for work of unsatisfactory completion.
- I AM HUMAN. Therefore, mistakes may occur on graded assignments or during entry into the gradebook. If this occurs, please let me know of your concerns ASAP.
- *The grade you receive is the grade YOU earn.

- **Required Material:**

- (1)- 3-Ring Binders (recommended 2")
- 4 Tab Dividers
- Paper and Pencils/Pens
- Proper/safe clothing for Labs



Portfolio:

Students will engage in this project throughout the course. This project will include specific directions given to the student during class. It will be composed of many sub/small projects, such as, Diseases research sheets, Veterinary Equipment research sheets, Anatomy/Physiology sheets, etc. This information is to be kept in one of the required binders and is the student's responsibility to maintain and secure throughout the semester.

NOTE: YOU WILL BE HELD RESPONSIBLE FOR YOURSELF AND YOUR ACTIONS. PLEASE CHECK WITH YOUR CLASSMATES FOR ANY WORK YOU MIGHT HAVE MISSED!

Classroom Rules:

1. Bring all needed materials to class.
2. Be in your seat and ready to begin when you get off the bus.
3. Be respectful and polite to all people.
4. Speak at appropriate times, using appropriate language.
5. Respect other people's property.
6. Keep cell phones off/or hidden while in the classroom.
7. Food/Drinks are allowed at appropriate times, but are privileges that can be taken away during class.
8. All safety guidelines will be followed when given.
9. Follow all school and farm rules.

Things to Remember:

- **FFA Membership - \$20**
- Extra Credit can be earned on a situational basis
- ASK – Please do not be afraid to ask questions
- Safety!!! This includes you, other students, and the animals. (Privileges and grades can be negatively affected for violations.)
- Learn, have fun, and do what's right