

Dallas High School

Home of the Dragons



Veterinary Science 2022

Instructor(s): Ryan Rowley

Telephone: (503) 623-8336

Email: ryan.rowley@dsd2.org

Office Hours: 3:30 to 4:00

Course Description:

The Veterinary Science course is designed for students with a desire to learn more about animal science beyond typical animal husbandry course work. This course is designed for students with a background knowledge regarding animal health and care. We will focus on the career field of veterinary medicine with a focus on best management practices regarding companion animals as well as general animal wellness guidelines.

Standards to Be Assessed:

AG 01.01 Acquire the specific academic knowledge and skills necessary to pursue a full range of career and post secondary opportunities within the agricultural business and/or industry

AG 02.01 Use oral and written communication skills in creating, expressing, and interpreting agricultural information and ideas including technical terminology.

AGAN02

Utilize best practice protocols for husbandry and welfare based upon animal behaviors.

AGAN06

Classify, evaluate and select animals based on anatomical and physiological characteristics.

AGAN04

Apply principles of animal reproduction given desired outcomes for performance, development, and/or economic production.

AGAN05

Evaluate environmental factors affecting animal performance and implement procedures for enhancing performance and animal health.

ANS 03.

Provide for the proper health care of animals.

ANS 06.

Outline handling procedures for the safety of animals, producers and consumers of animal product

Course Outline

	Unit Topic	Summative Assessment	Standards
Unit 1	Ethics	Class discussion	1. AG 02.01 - USE ORAL AND WRITTEN COMMUNICATION SKILLS IN CREATING, EXPRESSING AND INTERPRETING AGRICULTURAL INFORMATION AND IDEAS INCLUDING TECHNICAL TERMINOLOGY.
Unit 2	Companion animal management	Class assignments, quizzes, and verbal assessments	AG 01.01 ACQUIRE THE SPECIFIC ACADEMIC KNOWLEDGE AND SKILLS NECESSARY TO PURSUE A FULL RANGE OF CAREER AND POST-SECONDARY OPPORTUNITIES WITHIN AGRICULTURAL BUSINESS AND INDUSTRIES.

			ANS 03. - PROVIDE FOR THE PROPER HEALTH CARE OF ANIMALS.
Unit 3	Common parasites & treatment	Presentation, lab, quizzes, and verbal assessment	ANS 06. - Outline handling procedures for the safety of animals, producers and consumers of animal product
Unit 4	First aid and sutures	Lab practicums, quizzes, and verbal assessment	AG 01.01 - ACQUIRE THE SPECIFIC ACADEMIC KNOWLEDGE AND SKILLS NECESSARY TO PURSUE A FULL RANGE OF CAREER AND POST-SECONDARY OPPORTUNITIES WITHIN AGRICULTURAL BUSINESS AND INDUSTRIES.
Unit 5	Equine care & Nutrition	Projects, practicums, and quizzes	AGAN02 Utilize best practice protocols for husbandry and welfare based upon animal behaviors.
Unit 6	Livestock Evaluation and care	Labs, presentation, practicum, quiz	AGAN06 Classify, evaluate and select animals based on anatomical and physiological characteristics.
Unit 7	Reproduction and genetics	Practicums, labs, verbal assessment, and presentations	AGAN04 Apply principles of animal reproduction given desired outcomes for performance, development, and/or economic production.
Unit 8	Common condition, ailments, and behaviors	Presentation, quiz, and verbal assessment	AGAN05 Evaluate environmental factors affecting animal performance and implement procedures for enhancing performance and animal health.

Grading and Assessment:

The following grading scales will be used to calculate a student’s course grades and grade point average:

Course Grades will be calculated using the following scale:	Grade Point Averages (GPAs) will be calculated using the following scale:	GPAs for Advanced Placement courses will be calculated using the following scale:
A 90-100%	A (4.0)	A (5.0)
B 80-89%	B (3.0)	B (4.0)
C 70-79%	C (2.0)	C (3.0)
D 60-69%	D (1.0)	D (2.0)
F 0-59%	F (0)	F (0)

Academic Integrity

The faculty and administration of Dallas High School believe that honesty and integrity are personal attributes worth nurturing in our students. Because we value the educational and skill development opportunities provided by classroom assignments, research projects, tests, and credit recovery, we expect students to express academic integrity by doing their own work and properly documenting information gathered from other sources. Congruous with this belief is our resolve to handle those who violate the principles of academic integrity with stringent consequences as outlined in the K-12 Code of Conduct.

Student Behavior and Expectations:

Students are expected to demonstrate appropriate behavior in the classroom and contribute to a safe, positive, caring learning environment by cooperating; doing their best to achieve academic excellence; respecting themselves, others, and the environment; and conducting themselves in a safe manner at all times. Clearly defined behavioral expectations are consistent school-wide through the Dragon **PRIDE** acronym. We strive to teach our students to take **PRIDE** in themselves and the school by demonstrating:

Purpose, Respect, Integrity, Determination, and Empathy at all times. For more information, please see the Student/Parent Handbook.

Student Electronic Devices at Dallas High School:

Students are allowed to possess personal electronic devices at school and at school-sponsored activities provided such devices are not used in any manner that may disrupt the learning environment, school-sponsored activities or violate Board policies, administrative regulations, school or classroom rules, or state and federal laws. Cell phone usage is **only** permitted during scheduled passing periods and lunch times. Students are not allowed to be on their phones in the hallways and other common areas during class time and cell phone usage in the bathrooms and locker rooms is prohibited **at all times**. Students must use a Chromebook or laptop to complete and submit coursework. Cell phones cannot be used for this purpose and can only be used during class time with express advance permission from the teacher.

Diversity

Dallas School District #2 recognizes the diversity and worth of all individuals and groups and their roles in society. It is the policy for the Dallas School District #2 Board of Education that there will be no discrimination or harassment of individuals or groups on the grounds of age, color, creed, disability, marital status, national origin, race, religion, sex or sexual orientation in any educational programs, activities or employment.

Gender

Dallas High School will be proactive in creating a school culture that respects and values all students and fosters understanding of gender identity within the school community. Such guidelines are intended to ensure a safe learning environment free of discrimination and harassment, and to promote the educational and social integration of transgender students. They do not anticipate every situation that may occur and the needs of each student will be assessed on a case-by-case basis.

DHS AGRICULTURE DEPARTMENT SAFETY AGREEMENT

I, _____ (printed name) the undersigned, a student in the Dallas High School Career and Technical Education Center, agree to follow all safety rules and procedures and agree to the statements below. I will:

- Successfully complete the Safety Orientation Unit.
- Have lab policies and procedures explained to me.
- Received demonstrations on all labs.
- Be instructed to ask for help on any machine/tool/animal with which I am not familiar.
- refrain from using any machine/tool/animal without such instruction.
- Receive a pair of safety glasses.
- Be responsible for wearing eye protection at all times during lab activities.

I understand that there are certain risks associated with the use of this equipment and if I have any questions or think that a piece of equipment is not functioning properly, I will ask the person in charge.

Additionally, I know that I must:

- dress appropriately for the shop and lab areas. (closed toed shoes, eye protection, etc.)
- Follow school policy regarding any and all other regulations to include: use of tobacco, foul language, etc.

Student Signature:

_____ Date: _____

Parent or Guardian

Name (Print) _____ Signature _____

Below please indicate the best method of contact as well as the best time to contact. (email, phone, etc.)

With the passage of senate bill 2444 all students enrolled in agricultural education course at Dallas High School will have paid membership in the National FFA Organization. Students have access to and are encouraged to participate at the level with which they feel comfortable. The FFA is a youth leadership organization that is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. If you have any questions please ask.