

Equine Science Syllabus

Prerequisite: Principles of Agriculture, Food, and Natural Resources

Instructor Information

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Description

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, 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 their knowledge and skills in a variety of settings. Suggested animals which may be included in the course of study include, but are not limited to, horses, donkeys, and mules.

Students taking Equine Science at JHS are required to work with live animals during class. Students with allergies to animals are encouraged to speak with their counselor about the many excellent career and technical education programs which JHS offers that do not require interaction with live animals.

Students taking Equine Science are required to bring back a signed copy of the Moe & Gene Johnson High School Agriculture Department Permission Form: Handling & Working Companion / Livestock Animals by _____ in order to stay enrolled in the course.

Expectations and Goals

- The student analyzes equine science as it relates to the selection of horses.
- The student knows how to provide proper nutrition using accepted protocols and processes to maintain animal performance.
- The student analyzes equine science as it relates to the management of horses.
- The student compares and contrasts issues affecting the equine industry.
- The student learns the employability characteristics of a successful employee.
- The student develops an improved supervised agricultural experience program as it relates to agriculture, food, and natural resources.

Cell Phone / Electronics Policy

Cell phone / electronics use policy will follow HaysCISD district guidelines for high school use.

Grading Policy

This course is geared toward developing student understanding of the complex interactions between the human race and animals kept as pets and livestock. Students will interact regularly with live animals as part of this semester course, including handling, grooming, and fecal and blood testing. Students are required to complete a supervised agricultural experience (SAE) as part of the classwork for Small Animal Management. This supervised agricultural experience must fall into one of the following categories:

- Foundational SAE
 - Career exploration & planning
 - Personal financial planning and management
 - Workplace Safety
 - Employability skills for college and career readiness
 - Agricultural Literacy
- Immersion SAE
 - Entrepreneurship/Ownership
 - Placement/Internships
 - Research (Experimental, Analytical, Invention)
 - School Business Enterprises
 - Service Learning

Students will be required to maintain an electronic journal detailing their agriculture coursework and SAE. These journals will follow them through their agriculture education at JHS, and are used as documentation of agricultural experiences when applying for Greenhand, Chapter, Lone Star, and American degrees as part of the FFA.

Student major grades will include:

- Knowledge exams and quizzes
- Graded public speaking assignments
- Graded completed projects
- Job application and interview

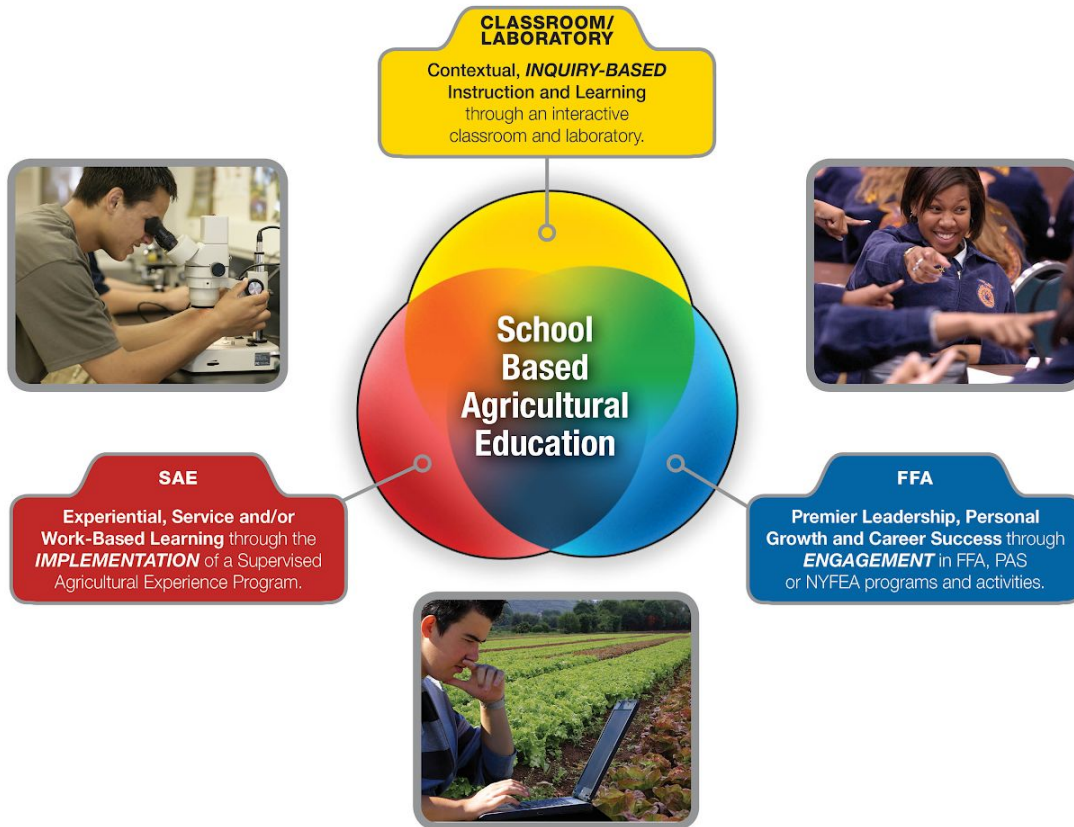
Students who join the FFA and successfully complete this course meet the requirements to earn their Greenhand Degree as part of the Johnson FFA, enabling them to run for chapter office during the following school year.

Career and Technical Student Organization (CTSO)

The FFA is a dynamic youth organization that changes lives and prepares members for premier leadership, personal growth and career success through agricultural education.

FFA develops members' potential and helps them discover their talent through hands-on experiences, which give members the tools to achieve real-world success.

Members are future chemists, veterinarians, government officials, entrepreneurs, bankers, international business leaders, teachers and premier professionals in many career fields. FFA is an intracurricular student organization for those interested in agriculture and leadership. It is one of the three components of agricultural education.



The official name of the organization is the National FFA Organization. The letters “FFA” stand for Future Farmers of America. These letters are a part of our history and our heritage that will never change.

ONLY students who join the FFA are eligible to compete in Leadership and Career Development Events, welding contests, and after school activities.

Students who participate in the FFA may be eligible to earn letterman jackets, NTHS membership, scholarships, and chapter offices.