

Equine Science

TEDS: 13000500

KISD: 81104

Credit: .5

Grade: 10-12

Recommended prerequisites: Principles of Agriculture, Food, and Natural Resources

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. Equine Science is taken concurrently with Small Animal Management.

Agribusiness Management and Marketing

TEDS: 13000900

KISD: 81060

Credit: 1

Grade: 11-12

Recommended prerequisites: Principles of Agriculture, Food, and Natural Resources; Veterinary Medical Applications, teacher approval

This course will be taught as a junior and senior level FFA leadership class. The course is designed for those that are FFA officers or active in FFA to help develop their leadership and speaking potential. Students in this class will be expected to assist with the development, promotion, and everyday functioning of the KCAL FFA chapter.



Livestock Production

TEDS: 13000300

KISD: 81108

Credit: 1

Grade: 10-12

Recommended prerequisites: Principles of Agriculture, Food, and Natural Resources

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire 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 their knowledge and skills in a variety of settings.

Introduction to Welding

TEDS: 13032250

KISD: 8884

Credit: 1

Grade: 9-12

Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. Students will develop knowledge and skills related to welding and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success.