

Principles of Agriculture, Food, and Natural Resources Syllabus

Course Description/Goals:

In this introductory course, students will learn about the wonderful career opportunities available in Agriculture, through experiences in leadership development (FFA), plant science, animal industry, food technology, and agriculture mechanics. Students will have the opportunity to complete the OSHA 10 Hour training program.

Course TEKS/Objectives:

In Principles of Agriculture, Food, and Natural Resources, students explore major areas of agriculture, food, and natural resources, including organizations, agribusiness leadership and communications, plant science, animal science, food science and technology, agricultural technology and mechanical systems, and environmental and natural resources. To prepare for careers in agriculture, food, and natural resources, students must attain academic knowledge and skills, acquire technical knowledge and skills related to 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, experience, apply, and transfer their knowledge and skills in a variety of settings.

[Principles of Agriculture, Food, and Natural Resources TEKS](#)

Course Outline:

Semester 1	Semester 2
<ul style="list-style-type: none">-Introduction to FFA-Supervised Agriculture Experiences-Leadership-Professionalism-History of Agriculture-Agriculture Industries-Introduction to Agriculture Mechanics	<ul style="list-style-type: none">-Introduction to Soil Science-Introduction to Horticulture Science-Introduction to Floral Design-Introduction to Livestock Production-Introduction to Animal Science