

Greenhouse Operations and Production Syllabus

Course Description/Goals:

This course is designed to develop an understanding of greenhouse production techniques and practices. Students will gain an understanding of common horticulture management practices as they relate to food and ornamental plant production. Students will have the opportunity to work in the school's greenhouse.

Course TEKS/Objectives:

Greenhouse Operation and Production is designed for students to develop an understanding of greenhouse production techniques and practices. To prepare for careers in horticultural and controlled environment agricultural systems, students must attain academic knowledge and skills, acquire technical knowledge and skills related to horticultural 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 and technologies in a variety of settings.

[Greenhouse Operations and Production TEKS](#)

Course Outline:

Semester 1	Semester 2
<ul style="list-style-type: none">-Leadership in Agriculture Education-Safety & Tool ID-Supervised Agriculture Experiences-Careers in Horticulture-Employability Skills-Soil Science-Entomology-Plant Anatomy-Plant Reproduction	<ul style="list-style-type: none">-Crop Production Methods-Greenhouse Structures-Greenhouse Environments-Operations & Maintenance-Irrigation-Greenhouse Plant Sale