

CFISD Greenhouse Operation & Production

Scope and Sequence

Endorsement: Business & Industry

Cluster: Agriculture, Food, & Natural Resources

Meets advanced course requirement? NO

Program of Study: Plant Science

Meets foundation requirement for math, science, fine arts, English, LOTE? NO

Course Description:

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. Plant nutrition, plant use and identification, plant chemical uses and precautions are introduced along with tools and equipment used in the industry.

TEKS link

- 1 credit
- Grades 10-12
- Lab supplies or fee may be required
- Required prerequisites: Principles of Agriculture (or concurrent for 10th grade)
- Recommended prerequisites:

Industry Certification/Credential: n/a

Instructional Units	Grading Period
Introduction to Greenhouse Production FFA/SAE Greenhouse Production Industry Greenhouse Structure and Construction Greenhouse Environment and Controls	N1 (fall)
Greenhouse Environment and Controls Soil and Growing Medium Plant Anatomy Plant Classification	N2 (fall)
Plant Processes Crop Production Plant Nutrition Pest Diseases	N3 (spring)
Reproduction & Propagation Specialty Production Systems	N4 (spring)

Primary Instructional Materials:
Supplementary Instructional Materials: Horticulture Today by Goodheart-Willcox Co.