

CFISD Principles of Agriculture, Food, and Natural Resources

Scope and Sequence

Endorsement: Business & Industry

Program of Study: Animal Science, Plant Science,
Applied Ag Engineering, Environmental & Natural
Resources

Meets advanced course requirement? NO ▾

Cluster: Agriculture, Food, & Natural Resources

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

Course Description:

This course is an introductory class that prepares students for careers in agriculture, food, and natural resources. The emphasis is on career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

[TEKS link](#)

- 1 credit
- Grades 9-10
- Lab supplies or fee may be required
- Required prerequisites: n/a
- Recommended prerequisites: n/a

Industry Certification/Credential: Quality Counts Verification

TEA recognized IBC (to count toward program of study completion)? NO ▾

Instructional Units	Grading Period
Supervised agricultural experience program as it relates to agriculture Historical, current, and future significance of the agriculture industry (FFA History) Agriculture leadership in organizations Agriculture, food, and natural resource systems at the local, state and national level	N1 (fall)
Set up AET record book Research methods to agriculture, food and natural resources topics Global agriculture topics (markets, currency, trends, market factors and practices) Personal Communication Skills Employability characteristics of a successful employee Quality Counts Verification Program of Study Review (Discovery CTE digital notebook)	N2 (fall)
Animal Systems Food products, food preservation and processing systems Environmental & Natural Resource Systems and wildlife ecology	N3 (spring)
Plant Systems Basic power, structural and technology system skills in agricultural applications Review and Test	N4 (spring)

Primary Instructional Materials: Principles of Agriculture, Food, and Natural Resources by Goodheart-Willcox Co.

Supplementary Instructional Materials: National FFA Manual; Parliamentary Guide for FFA by Dr. Jarrell D. Gray