Revised: Fall 2026

CFISD Capstone Ag Mechanics

Scope and Sequence

Endorsement: Business & Industry or STEM

Cluster: Agriculture, Food, & Natural Resources

Meets advanced course requirement? YES

Program of Study: Applied Ag Engineering

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

Course Description:

Career and Technical Education (CTE) Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students partner with mentor(s) or advisor(s)to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts.

TEKS link

- 1 credit
- Grade 12
- Lab supplies or fee may be required
- Required prerequisites: 3 courses in this program of study
- Recommended prerequisites:

Industry Certification/Credential: n/a

Instructional Units	Grading Period
Independent study project for personal enrichment and professional development; Verbal and nonverbal communication skills Professional ethical behavior standards Designs and develops a research project	N1 (fall)
Independent study project for personal enrichment and professional development; Verbal and nonverbal communication skills Professional ethical behavior standards Designs and develops a research project	N2 (fall)
Independent study project for personal enrichment and professional development; Verbal and nonverbal communication skills Professional ethical behavior standards Designs and develops a research project	N3 (spring)
Independent study project for personal enrichment and professional development; Verbal and nonverbal communication skills Professional ethical behavior standards Designs and develops a research project	N4 (spring)

Primary Instructional Materials: Teacher supplied, will vary depending on student project

Supplementary Instructional Materials: