

Cypress Fairbanks ISD

Project Based Research – Industrial Technology Scope and Sequence

Course Description:

This course is a supervised research study project-based class where students will apply knowledge and skills from previous Technology Education courses in a related advanced/specialized field of study. Students are required to submit a formal project plan within 15 school days after enrollment in the course. The plan should specify the additional concepts and/or technologies that will be studied and utilized, along with an overview of the culminating project.

- Grades 11-12
- Required prerequisite: At least one credit in the Architecture and Construction, Manufacturing, or Science, Technology, Engineering and Mathematics cluster
- Lab supplies or fee is required

TEKS

Cluster: Science, Technology, Engineering & Mathematics

Endorsement: STEM

- Meets advanced course requirement (Y/N): Yes
- Meets foundation requirement for math, science, fine arts, English (Y/N-area): No

Industry Certification/Credentials: OSHA 10 Certification

Instructional Units	Estimated Days
Independent study project for personal enrichment and professional development; Verbal and nonverbal communication skills Professional ethical behavior standards Designs and develops a research project	1 st - 4 th Grading Pd

Primary Instructional Materials: Teacher Designed