Rev for Fall, 2018

CFISD Principles of Architecture

Scope and Sequence

Course Description:

Principles of Architecture provides an overview to the various fields of architecture, interior design, and construction management. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, education, and career information to set and achieve realistic career and educational goals. Job-specific training can be provided through training modules that identify career goals in trade and industry areas. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development. Students in this class are eligible to apply for PLA (Prior Learning Assessment) credit through Lone star college to earn credits toward an associate degree in Architectural design.

- Grades 9 – 11
- Lab supplies or fee is required

TEKS

Cluster: Architecture & Construction

Endorsement: Business & Industry

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: n/a

Instructional Units	Pacing
1st Semester Professionalism and safety in the workplace Introduction to Career Exploration Introduction to Design Process and Sketching Drawing tools and use Introduction to Architectural Drawings 2D CAD	1st Grading Pd 2nd Grading Pd
2nd Semester Architectural Study Models Introduction to Architectural Planning Residential Design Projects Introduction to Construction Technology Construction Model Intro to Architectural Design 1	3rd Grading Pd 4th Grading Pd

Primary Instructional Materials: CAD Software, ICEV-Online curriculum.