

CFISD Architectural Design I

Scope and Sequence

Endorsement: Business & Industry

Cluster: Architecture and Construction

Meets advanced course requirement? NO

Program of Study: Architectural Drafting and Design or Interior Design

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

Course Description:

In Architectural Design I, students will gain knowledge and skills needed to enter a career in architecture or construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, or landscape architecture. Architectural Design I includes the knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for non-residential or residential architectural purposes. 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.

TEKS link

- 1 credit
- Grades: 9-12
- Lab supplies or fee may be required
- **Industry Certification/Credential:** n/a
- Required prerequisites:
Principles of Architecture
- Recommended prerequisites:
Geometry

Instructional Units	Grading Period
Professionalism and Safety in the Workplace Career Exploration Design Process and Sketching History of Architectural Design	N1 (Fall)
Architectural Planning Residential Plan Development in CAD	N2 (Fall)
Introduction to 3D CAD Residential Design Project	N3 (Spring)
3D CAD Construction Plans Presentation Modeling	N4 (Spring)

Primary Instructional Materials: Architecture - Residential Drafting and Design, 12th Edition by Goodheart-Wilcox