# CFISD Architectural Design II
## Scope and Sequence

Course Description:

In Architectural Design II, students will gain advanced 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 II includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

(2 Credits)

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 10 - 12
- Required prerequisite: Architectural Design I
- Lab supplies or class fees may be required

TEKS

Programs of Study: Architecture and Interior Design

Cluster: Architecture & Construction

Endorsement: Business & Industry

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

Industry Certification/Credentials: Autodesk Certified User for Revit and /or AutoCAD (fee required)

| Instructional Units | Pacing |
|---|---|
| Professionalism and safety in the workplace Career Preparation Design and Sketching Commercial Architecture Research Commercial Architecture Design Project Commercial Architecture Modeling | 1st Semester |
| Residential Architecture<br><br>Project Proposal<br>Presentation Capstone Project<br>Portfolio Completion<br>Certification Preparation and Examination | 2nd Semester |

Primary Instructional Materials: CAD software