

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 nonresidential 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 11-12
- Required prerequisite: Architectural Design I
- Lab supplies or fee is required.

TEKS

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
1 st Semester Professionalism and safety in the workplace Career Preparation Design and Sketching Commercial Architecture Research Commercial Architecture Design Project Commercial Architecture Modeling	1 st Grading Pd 2 nd Grading Pd
2 nd Semester Project Proposal and Presentation Capstone Project Portfolio Completion Certification Preparation and Examination	3 rd Grading pd 4 th Grading Pd

Primary Instructional Materials: Architecture: Residential Drafting and Design, 12th Edition, SDC Revit 2018
 Architecture Fundamentals, CAD software