

Architectural Design I

Local Course #: 81210

State Course ID: 13004600

Course Description:

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

Link to TEKS:

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=225436](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F05%2F2025&recordId=225436)

First 9 Weeks Major Topics:

1. Sketching/Lettering Review (1 point, 2 point, 3 point, Birds eye, trees, materials)
2. Using color in Sketching
3. Architectural Styles Review
4. Architectural Scale Review

Second 9 Weeks Major Topics:

1. Architectural Choice Project (Floor Plans, Residential Room Sizes, Bathroom Sizes, Kitchen Sizes, Types of Materials, Sheets)
2. Sketches and Floor Plan
3. Architectural Choice Study Model (Quarter 3 & 4)

Third 9 Weeks Major Topics:

1. Architectural Lettering Review
2. Vacation Home Project (Sketches, Topography, Foundations. Levels, Curtain Walls, Electrical)
3. More Architectural Revit Skills (Test Prep)
4. Career Exploration (need to do a day or two on this-maybe guest speakers)

Fourth 9 Weeks Major Topics:

1. Mixed Use Group Project (Precedent Study, Perspective Sketches, Exterior/Interior/logo/signage)
2. Design Board
3. Floor Plan Sketches
4. Revit
5. Presentation