

Architectural Design II



Prerequisite: Architectural Design I

Course: 1665CA/1665CB **Credits:** 2 **Length:** 36 weeks **Placement:** 11-12

Course Description

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

Student Activities

Students draw a survey, site, plot, foundation, floor, electrical and roofing plans for their custom residential home design in AutoCAD. Students will design the front, sides and rear elevation views for their residential custom home. Students will also draw interior elevation sectional views of the kitchen and fireplace and will draw windows and door schedules. Students will then draw the construction of the wall and roof framing. The finished product will be used to complete a model of the student's custom residential home using balsa wood and a 3-D construction kit.

Certifications

AutoCAD Certification Possible
Student Cost: \$100

Certification paid for by CTE if student has an 80+ GPA in course and passes a practice test

If seeking certification, curriculum cannot be modified.

Organizations



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