

Architectural Drafting & Design

Grade Levels: 10th - 12th

Prerequisites: None

Course Numbers: 0703A1, 0703A2

Credit Type: CTE or Elective

Course Description:

Students in this class learn the fundamentals of architectural drafting and design as well as architecture's place in history and society. Topics covered include manual drafting; building systems (plumbing, electrical, structural, heating, solar); computer modeling with SketchUp; building physical models; Autocad drafting; and design. Students are given design challenges and finish the year with a capstone project that allows the student to bring their personal interest to the class.

Student Workload:

Primarily in class although some activities are available on-line and students are allowed to do them outside of class.