

Architectural Design And Modeling
Course outline
Grade 8

Course Objectives:

- Students will understand that design is a creative planning process that leads to useful products and systems.
- * That requirements for design are made up of criteria and constraints.
- Students will test and evaluate some designs to pre-established requirements.
- Students will understand that modeling, testing, and evaluating Are used to transform ideas into practical solutions.
- Students will follow safety rules and use tools appropriately to complete project work.

Projects:

Model bridge design, construction, destructive tested.

CAD floor plan, ¼" equals 1' scale

Architectural model with buildings and other design elements.
1/16" = 1' scale

Framing shed model 1" = 1' scale

Grading Policy:

60% Projects

20% Tests

10% Safety

10% Participation

