



Virtual Lab Activity 4.1

Computer-Aided Design (CAD)

- 1. Observe** Watch the different types of computer-aided design that must be considered when doing engineering research and design. Record the definition of computer-aided design. Explain how computer-aided design can be used in art, architecture, construction, and manufacturing.

- 2. Execute** Sketch and complete a CAD drawing for a room in your home or school that you would like to remodel. Include the sketch and a 1" to 1' scale CAD drawing for the room. Also include lists of remodeling ideas, tools needed, and materials to be used.