

Department of Corporate Training

Sketch Up Level 1

This course provides an introduction to the use of Sketch Up software. It includes a review of computer hardware and software used in an automated drafting environment; concepts of how a drawing is stored and manipulated by the computer; commands necessary to do engineering and architectural drawings. The course is designed to give users a general overview of Sketch-Up and understand the possibilities of 3D visualization. Hands-on projects include simple architecture and geometric construction, various projections, sections, auxiliaries, dimensioning, sketching, and detail drawing that is practiced and applied using proper Sketch-up procedures.

Topics:

- Introduction to Sketch-Up
- Overview of the Sketch-Up User Interface
- Basic Drawing Commands
- Drawing Aids and Drafting Settings
- Help System
- Basic Editing Techniques
- Working with Styles
- Photorealistic Rendering

Learning Outcomes:

At the end of the course students will be able to:

- Overview of Sketch-Up as an all-purpose 3D Modeling Tool, drawing aids, shortcuts, and other features in a given setting.
- Use the computer, input/pointing device and output/hard copy device. Use the 2D line work to make 3D components.
- Apply Sketch-Up to specific drafting disciplines and given settings.
- Produce colored drawings by extrusion techniques.
- Quickly communicate sketch visualization.
- Produce finished schematic drawings.

8 Hours of Education