AutoCAD Level 2

Duration: 3 Day(s)

Course Overview

This course is designed to introduce users who are proficient with AutoCADs 2D commands to the tools available for modeling in three dimensions.

At Course Completion

AutoCAD's three-dimensional drawing capabilities make it a practical modeling program for a variety of applications and disciplines. Yet learning to work in 3D on a 2D display device is a major challenge. This course is designed to introduce users who are proficient with AutoCADs 2D commands to the tools available for modeling in three dimensions. The class will start with 3D fundamentals, introduce surface creation, and solids modeling. It concludes with object manipulation, plotting and rendering.

Suggested Prerequisities

Architectural/Civil/Structure/Mechanical Studies (Based on requirement)

Course Topics

Lesson 1: Basic 3D Concepts
Foundations
Working with 3D Coordinates

Lesson 2: Creating Surfaces
Simple Surface Objects
Complex Surfaces

Lesson 3: Solid Modelling
Simple Solids
Creating Composite Solids
Creating Solids from 2D Objects

Lesson 4: Editing Solids
Adding Features to Solids
Advanced Solids Editing

Lesson 5: Manipulating 3D Objects
Advanced UCS Options
Editing in 3D

Lesson 6: Working Drawings and 3D
Working with Layouts
2D Drawings from 3D Models
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Lesson 7: Presenting a 3D Model
Refining the View
Rendering

Lesson 8: Project Exercises
Lab & Excercise

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