

AutoCAD Advanced – 2 Days



Overview

This course is designed for users of AutoCAD® who need an advanced understanding of the software and have been using the software and want to make the most of their investment.

Objectives

The main objective of this course is to give users of AutoCAD an advanced understanding 2D drawing and basic understanding and introduction in to 3D

Topics

Drawing Objects

- 2D Isometric drawing
- Parts and assembly creation
- Schematic creation

Dimensioning and Annotation

- Isometric dimensioning

Re-using content

- Creating Tool Palettes
- Importing other file formats such as PDF
- External Reference drawing files

Dynamic Blocks

- Introduction to creating and using Dynamic blocks

Layouts

- Viewports – Using object viewports, Controlling - colour, line weight control and object within a viewport

Text

- Using metadata within fields

Introduction to 3D*

- Over view of 3D modelling techniques
- Using the different modelling styles
 - Solid
 - Surface
 - Mesh

Understanding the AutoCAD 3D environment

- View creation
- 3D manipulation
- View control

Creating simple models

- Using the following commands to create 3D Models
 - Extrude
 - Revolve
 - Sweep

Drawing Creation

- Creating 1st and 3rd angle views
- Plans
- Elevations
- Sections
- Enlarged, detail views

** Please Note -
3D tools are only available in the AutoCAD environment
and not in AutoCAD LT*