

AutoCAD & AutoCAD LT Essentials

Course Overview;

The objective of this course is to provide delegates with a good basic knowledge of how to use AutoCAD. The course is aimed directly at people who have little or no experience of using AutoCAD

Duration;

3 Days, usually between 9 am and 4:30 pm.

Course Content;

Getting Started

- Introduction to the graphics screen
- Creating new drawing files and set-up

Command Selection

- Pull down menus, Icons and Toolbars

Draw Command

- Lines, Plines, Circles, Arcs, Text, Dimensions

Co-Ordinate System

- Using ORTHO and direct input
- Absolute, Relative & Polar co-ordinates

Modify Commands

- Erase, undo, copy, move, mirror, offset, trim
- Fillet, Chamfer

Selecting Objects

- Controlling and using the pick box
- Using Windows and Crossings
- Removing selected objects from the selection set
- Setting the required defaults via OPTIONS

Layers

- Creating and managing layers
- Assigning different linetypes, colours and visibility control

Display Commands

- Zoom options, using viewports and updating the display
- Using the Intellimouse

Object Snaps

- Their importance and use

Inquiry Commands

- Extracting information about selected objects

Crosshatching

- How to crosshatch objects
- Controlling hatch visibility

Drawing Annotation

- Using and creating text styles
- Dtext adding single line text
- Mtext adding multiple lines of text

Dimensioning

- Terminology, creating and editing dimensions

Blocks

- Creating internal and external blocks, Inserting and external references
- Using the Design Centre

Template Drawing (DWT)

- Creating a sample template file
- Starting new drawing based on the template file

Automatic Save

- Controlling the time between saves, SAVETIME
- Controlling the location of the auto save files (OPTIONS)

Plot Command

- Using Layouts (paperspace)
- Using and controlling Viewports