AutoCAD and AutoCAD LT Essentials Training Course

3 Day Course

Who Should Attend?

This course is designed for new users of AutoCAD or AutoCAD LT.

No previous CAD experience is necessary. However, drafting, design or engineering experience would be an advantage. It is recommended that delegates have a working knowledge of Microsoft Windows.

Objectives

The primary objective of this course is to teach users the basic commands necessary for professional 2D drawing, design and drafting using AutoCAD or AutoCAD LT. After completing this course users will be able to:

- Navigate the AutoCAD and AutoCAD LT user interfaces

- Use the fundamental features of AutoCAD and AutoCAD LT

- Use the precision drafting tools in AutoCAD and AutoCAD LT to develop accurate technical drawings

- Present drawings in a detailed and visually impressive way

Agenda

In this course users learn the features, commands and techniques for creating, editing and printing drawings with AutoCAD and AutoCAD LT. Using hands-on exercises, users explore how to create 2D production drawings.

Note: We normally train on the latest version.

Agenda Topics:

• Overview of the AutoCAD Interface	• Creating a Mirror Image of Existing Objects
• Working with Files	• Creating Object Patterns
• Displaying Objects	• Changing an Object's Size
• Inputting Data	• Using Layers
• Creating Basic Objects	• Changing Object Properties
• Using Object Snaps	• Matching Object Properties
• Using Polar Tracking and PolarSnap™	• Using the Properties Palette
• Using Object Snap Tracking	• Using Linetypes
• Working with Units	• Using Inquiry Commands
• Selecting Objects in the Drawing	• Trimming and Extending Objects to Defined Boundaries
• Changing an Object's Position	• Creating Parallel and Offset Geometry
• Creating New Objects from Existing Objects	• Joining Objects

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- Changing the Angle of an Object's Position
- Applying a Radius Corner to Two Objects
- Creating an Angled Corner Between Two Objects
- Changing Part of an Object's Shape
- Using Layouts
- Using Viewports
- Creating Multiline Text
- Creating Single Line Text
- Using Text Styles
- Editing Text
- Creating Dimensions
- Using Dimension Styles
- Editing Dimensions
- Using Multileaders
- Breaking an Object into Two Objects
- Hatching Objects
- Editing Hatch Objects
- Using Blocks
- Working with DesignCenter™
- Using Tool Palettes
- Working with Polylines
- Creating Splines
- Creating Ellipses
- Using Tables
- Using Page Setups
- Plotting Drawings
- Using Drawing Templates

The above may be varied to suit customer preferences and requirements.

Qualifications

On completion of the course, you will be presented with an Autodesk Authorised Training Certificate.

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