Autodesk AutoCAD & AutoCAD LT Essentials

Course Duration : 3 days

Course Overview

This course is designed for new AutoCAD / AutoCAD LT software users who require comprehensive training. It incorporates the features, commands, and techniques for creating, editing, and printing drawings with AutoCAD and AutoCAD LT.

Hands-on exercises throughout the course explore how to create 2D production drawings. The exercises are provided in both a printed format as well as an onscreen format that can be viewed next to AutoCAD.

Prerequisites

■ It is recommended that delegates have a working knowledge of Drafting, design, or engineering and Microsoft Windows.

Objectives

Delegates will be able to :
■ Navigate the AutoCAD / AutoCAD LT user interface.

■ Use the fundamental features of AutoCAD / AutoCAD LT.

■ Use the precision drafting tools in AutoCAD / AutoCAD LT to develop accurate technical drawings.

■ Present drawings in a detailed and visually impressive manner

■ Understand the basic commands necessary for professional 2D drawing, design, and drafting using AutoCAD / AutoCAD LT.

Course Content

Taking the AutoCAD Tour
Navigating the Working Environment
Working with Files
Displaying Objects

Creating Basic Drawings
Inputting Data
Creating Basic Objects
Using Object Snaps
Using Polar Tracking and PolarSnap
Using Object Snap Tracking
Working with Units
Using Function Keys

Manipulating Objects
Selecting Objects in the Drawing
Changing an Object's Position
Creating New Objects from Existing Objects
Changing the Angle of an Object's Position
Creating a Mirror Image of Existing Objects
Creating Object Patterns
Changing an Object's Size

Course content liable to change without notice

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Drawing Organization and Inquiry Commands
Using Layers
Changing Object Properties
Matching Object Properties
Using the Properties Palette
Using Linetypes
Using Inquiry Commands

Altering Objects
Trimming and Extending Objects to Defined
Boundaries
Creating Parallel and Offset Geometry
Joining Objects
Breaking an Object into Two Objects
Applying a Radius Corner to Two Objects
Creating an Angled Corner Between Two Objects
Changing Part of an Object's Shape

Annotating Drawings
Creating Multiline Text
Creating Single Line Text
Using Text Styles
Editing Text

Hatching Objects
Hatching Objects
Editing Hatch Objects

Dimensioning
Creating Dimensions
Using Dimension Styles
Editing Dimensions

Working with Reusable Content
Reusable Content
Using Blocks
Working with DesignCenter
Using Tool Palettes

Creating Additional Drawing Objects
Working with Polylines
Creating Splines
Creating Ellipses
Using Tables

Layouts and Plotting
Using Layouts
Using Page Setups
Using Viewports
Plotting Drawings

Template Drawing Creation
Using Drawing Templates

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Other Courses in this Series

Autodesk AutoCAD Intermediate

Related Courses

Autodesk Inventor Essentials
Autodesk Civil 3D Essentials
Autodesk Revit Architecture Essentials

Training Options

- Public scheduled courses at one of our training venues

- Private courses delivered at client's premises throughout the UK, at our training venues or a convenient third-party location

- Bespoke customised courses written to your specific needs, delivered at client's premises throughout the UK, at our training venues or a convenient third-party location

- For further information please contact us on 0191 377 8377

What's Included

- 1 delegate per computer
- Lunch and refreshments when training is delivered at our training venue
- Comprehensive course manual and exercises