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AutoCAD 2009 and AutoCAD LT 2009

Essentials

Course Description

Delegates learn the features, commands, and techniques for creating, editing, and printing drawings with AutoCAD® 2009 and AutoCAD LT® 2009. Using hands-on exercises, delegates explore how to create 2D production drawings.

Course Information

Training Venue:	T2 Training Suite and throughout the UK
Course Frequency:	Monthly
Time:	9.00am – 4.30pm 9am meet and greet with refreshments. Training starts at 9.30am
Group Course Duration:	3 Days
Prices:	Please call for a quote
Courseware:	£60. Highly recommended
On Completion:	Autodesk certificate on acceptable completion

Objectives

The primary objective of this course is to teach delegates the basic commands necessary for professional 2D drawing, design, and drafting using AutoCAD and AutoCAD LT.

After completing this course, delegates 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.

Who Should Attend

The course is suited for individuals working in the architectural and construction industry.

Course Outline

Day 1

Taking the AutoCAD Tour

- The Working Environment
- Working with Files
- Displaying Objects

Creating Basic Drawings

- Inputting Data
- Creating Basic Objects
- Using Object Snaps
- Polar Tracking and PolarSnap™
- Using Object Snap Tracking
- Working with Units

Manipulating Objects

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

Day 2

Drawing Organization and Inquiry Commands

- Using Layers
- Changing AND Matching Object Properties
- Using the Properties Palette
- Using Line Types
- 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

Working with Layouts

- Using Layouts and Viewports

Annotating the Drawing

- Creating Multiline Text
- Creating Single Line Text
- Using Text Styles
- Editing Text

In collaboration with AutoTRAIN

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Day 3

Dimensioning

- Creating Dimensions
- Using Dimension Styles
- Editing Dimensions
- Using Multileaders

Hatching Objects

- Hatching Objects
- Editing Hatch Objects

Working with Reusable Content

- Using Blocks
- Working with DesignCenter™
- Using Tool Palettes

Creating Additional Drawing Objects

- Working with Polylines
- Creating Splines
- Creating Ellipses
- Using Tables

Plotting Your Drawings

- Using Page Setups
- Plotting Drawings

Creating Drawing Templates

- Using Drawing Templates

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