



Training Profile

AutoCAD® & AutoCAD LT® 2008 Essentials

Course Aims

This course takes users with design / drafting experience or an interest in Computer Aided Design through the full set of basic 2D AutoCAD commands. All the topics listed below are covered, giving the user a thorough understanding of AutoCAD or LT 2008. The course uses Autodesk official training material, giving users plenty of hands-on use. A certificate will be issued upon successful completion.

Pre-requisites

IT literacy, and an understanding of basic drafting techniques / geometry.

Course Outline

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

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

Drawing Organisation 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 Single Line Text
- Creating Multiline 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

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

Creating Additional Drawing Objects

- Working with Polylines
- Using Tables

Layouts and Plotting

- Using Layouts
- Using Page Setups
- Using Viewports
- Plotting Drawings

Template Drawing Creation

- Using Drawing Templates

Course Objectives

Upon completion of this course, users will be able to use the 2D drafting and editing tools within AutoCAD 2008 and have a sound understanding of good CAD drawing practise including use of layers and blocks.

Course Length and Venue

3 days, 09:00 – 17:00 with 1 hour for lunch.* Training can take place at our Authorised Training Centre, your office, or another preferred location. We provide all training materials and equipment.

**buffet lunch provided when course is taken at our Authorised Training Centre in Great Yarmouth*

Booking Details

Please call us on **01493 440444** or e-mail **sales@cadesignservices.co.uk** to find out course availability and other training options.

Further Learning

Upon completion of this course you may wish to progress by taking our **AutoCAD® 2008 Intermediate Course or AutoCAD® 2008 Creating and Presenting 3D Models Course**. Call 01493 440444 for course profiles and further information.



AutoCAD Development

Did you know that we have a team of developers here at C A Design Services ready to help you:

- Create bespoke tool palettes and custom menus
- Integrate your project data with your CAD drawings
- Save time on plotting
- Take the pain out of any tedious drafting tasks

We also have specialist software solutions for retailers to help with micro and macro space planning.