

AutoCAD Introduction



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Our AutoCAD introduction course covers the essential topics for working with AutoCAD software. We start with a few tools that enable you to create and edit a drawing, and then continue to develop those tools. More advanced tools and concepts are introduced throughout the course.

This course is run on a bespoke basis, giving you the opportunity to tailor the course to your exact requirements. To provide a starting point, we'd recommend you use the suggested course outline as a guide only.

The course runs from 9.30 am to approximately 4.30 pm.
Duration: 2 days.

Understanding the AutoCAD environment

- Navigating the User interface
- Working with files
- Creating new workspaces
- Model space / Layout space
- Setting drawing scales
- AutoCAD setup (Options)
- Working with Viewports
- Using Object Snaps
- Using Object Snap Tracking
- Working with Units
- Selecting Objects in the Drawing

How to use the Draw Tools

- Drawing lines, polylines, polygons, rectangles, circles, ellipses etc.
- Creating New Objects from Existing Objects
- Using Linetypes Creating Parallel and Offset Geometry
- Creating Object Patterns

How to use the Modify Tools

- Move, Copy, Erase etc.
- Changing an Object's Size
- Creating a Mirror Image of Existing Objects
- Trimming and Extending Objects to Defined Boundaries
- Changing the Angle of an Object's Position
- Applying fillets to two Objects
- Changing an object's properties
- Changing Object Properties
- Matching Object Properties
- Using the Properties Palette

Layer Management

- Layer Properties Manager
- Layer groups and filters etc

Blocks

- Creating & editing blocks
- Adding attributes

Annotation

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

Creating Dimensions

- Using Dimension Styles
- Editing Dimensions
- Using Multileaders

External References (Xrefs)

- Understanding and using Xrefs

Plotting

- Plotting drawings
- Export to PDF
- Miscellaneous
- Toolpalettes Data Linking – linking spreadsheet data to tables in the drawing
- Working with DesignCenter™

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