

AutoCAD: Beyond the Basics

Category: Computer Aided Design (CAD), AutoCAD

Course Details

Duration: 2 Days

Timings: 09:30 - 17:00

Tips and Tricks

- Improve drawing revisions with rev clouds and wipeouts
- Create polylines boundaries to simplify area extraction
- Use regions for complex area calculations
- Create selection sets based on object properties
- Reduce file size and maintain good CAD management practices by purging unreferenced objects
- Use points to identify coordinate locations in your drawing
- Place objects at evenly spaced intervals
- Use QuickCalc to perform calculations or convert units.

Advanced Text

- Understand the single interface for all text commands
- Create text with tabs, indents, paragraph/line spacing
- Create static and dynamic text columns
- Make the most of AutoCAD's spell checker
- Create attributes with multiple lines of text

Working with Tables

- Use AutoCAD's table function to make your data easy to understand and share
- Control table appearance and make global changes

- Use formulas, auto text and blocks in your tables to automate annotation and perform calculations
- Extract block attribute data to your table Save time and reduce errors by dynamically linking data in an Excel spreadsheet to your AutoCAD table

Blocks and Attributes

- Create a block so it can be used in multiple drawings
- Create an annotative blocks that are scaled by the annotative scale in a viewport
- Attach numeric and txt information to block definitions to make it easy to track drawing data

Reusable Content

- Reuse data from another drawing using Design Centre
- Increase productivity by making your most frequently used tools and commands available on tool palettes – one of the most dramatic enhancements to AutoCAD in recent years
- Easily manage large, multi-disciplinary projects using external references
- Effectively manage your xrefs for better viewing and smaller files

Layer Management and Best Practices

- Use Layer filters to quickly find objects you need inside of complex drawings
- Use layer states to return to a saved configuration of layers
- Ensure uniformity across drawings using layer standards

Working with DWF Files

Dynamic Blocks

- Create single block to represent multiples object configurations Assign actions to specific parameters of you dynamic block, such as scale, stretch, move, rotate, flip and array

BOOKING

To discuss course contents and booking arrangements, please call SquareOne on:

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