



Overview

AutoCAD Advanced introduces advanced techniques and teaches you to be proficient in your use of the AutoCAD® software. This is done by teaching you how to recognize the best tool for the task, the best way to use that tool, and how to create new tools to accomplish tasks more efficiently.



Duration

3 Days (08:30 – 16:00)



Pre-requisites

It is recommended that delegates have a basic working knowledge of **one** more of the following:

- [AutoCAD/AutoCAD LT Essential](#) (Click for More)



Course Outline

Efficient Use of AutoCAD

- Create a custom workspace
- Effective use of the keyboard
- Working with objects
- Working in multiple drawings
- Advanced use of grips
- Efficient use of layer tools

Accurate Positioning

- Co-ordinate entry
- Cartesian and polar coordinates
- Enter co-ordinates using dynamic Input
- Display co-ordinates on the status bar
- How to draw using relative co-ordinates
- Locating points with tracking
- Temporary tracking point
- Construction lines and rays
- Practical Productivity Examples

Working with Parameters

- Use constraints with blocks and Xrefs
- Remove or relax constraints
- Geometric constraints
- Dimensional constraints
- Dynamic blocks

Blocks

- Creating blocks
- Blocks and layers
- Wblocks
- Edit block in place
- Editing blocks using the block editor
- Editing block names

Practical Blocks Examples

Template Creation

- Drawing standards
- Drawing units
- Drawing limits
- Creating new layers
- The Layer Properties Manager
- Linetypes
- Saving templates

Advanced Layouts

- Creating and using named view
- Advanced viewport options
- Viewport clipping
- Viewport layer overrides
- Modify layer properties in a viewport
- Additional annotative scale options
- Modifying annotative object scales

Creating New Styles

- Creating new text styles
- Creating new dimension styles
- Creating dimension sub-styles
- Creating new multileader styles

Practical Examples- Drawing Setup

Working with External References

- Working with references
- Change reference paths in multiple drawings
- Manipulating references
- Edit Xref in place
- Clip Xref