

Description

This course is designed for experienced AutoCAD user who requires further training. This course builds on the basic concepts of AutoCAD fundamentals course. The course focuses on improving productivity when creating, annotating and printing drawings with AutoCAD. Hands-on exercises will be provided throughout the course.

Certification

An Advanced Spatial Technologies "Certificate of Completion" will be issued on completion of the course.

Objectives

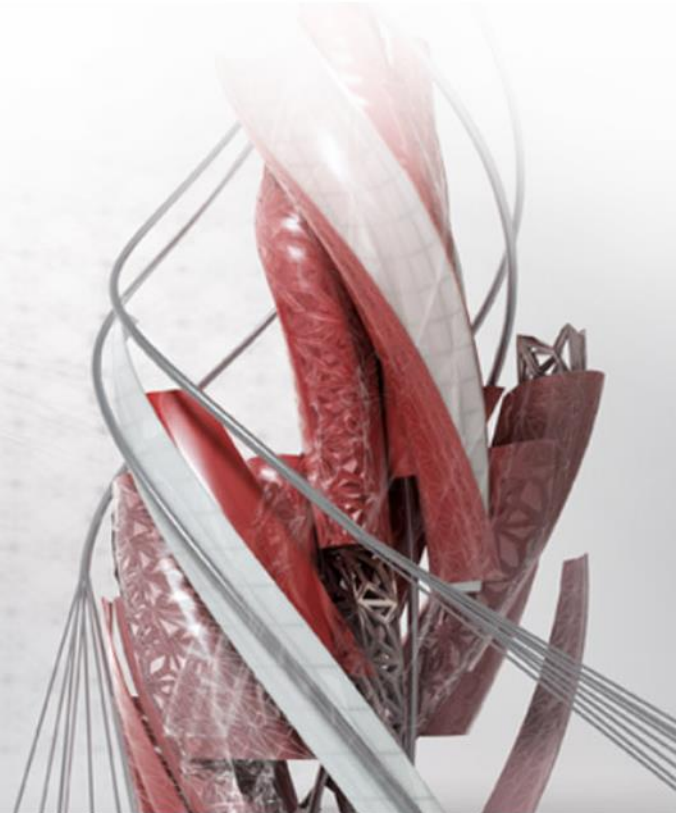
On completion of this course, students will be able to demonstrate advanced competency in commands, tools, and techniques and develop skills necessary to:

- Use advanced drawing tools to create drawings
- Add parametric constraints to objects and create dynamic blocks
- Work with layer standards, layer filters and layer state manager
- Create annotation styles
- Reuse content that has been previously created and extract information from their drawings
- Work with External References
- Set layouts and viewports for plotting drawings and create drawing templates
- Create your own Workspace

Pre-requisites

This course is designed for AutoCAD users who are familiar with the fundamentals of AutoCAD.

Delivery Mode: 2 Days (0900-1600)



Training Course Subjects

Creating Annotation Styles

- Creating Text Style
- Creating Dimension Style
- Creating Multileaders Style
- Creating Table Style and using Fields

Layer Manager

- Working with Layer States Manager and Layer Filters
- Using additional Layer tools

Blocks and Attributes

- Creating and editing Blocks
 - Using Attributes in Blocks
- Creating Title Block

Parametric Constrain and Dynamic Blocks

- Working with Geometric and Dimensional Constrains
- Using Dynamic Blocks
- Creating Dynamic Blocks with Parameters and Actions

Working with Reusable Content

- Using DesignCenter™
- Creating, Modifying and Managing Tool Palettes

Manipulating Objects and Data

- Using Object Properties Tool Palette
- Using Quick Select
- Measuring Objects
- Copying and Pasting between drawings
- Working with External References
- Working with a Group

Plotting Drawings and Creating Drawing Templates

- Creating and controlling the page Layouts, plotting device, paper size
- Creating and using Viewports
- Layer Overrides in Viewports
- Creating Drawing Templates
- Saving Template files

Working with Annotative scale

- Creating Annotative Scale Style
- Controlling Annotative Scaling
- Additional Annotative scale features

Customising the Workspace

- Customising the Ribbon
- Customising the Menu Bar
- Customising the Toolbars

Using Additional Tools

- Editing Objects using Grips
- Using Construction Lines

Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.

