

Autodesk AutoCAD Advanced

Course Outline

Course Description

The course takes participants through the advanced features of AutoCAD to a point where candidates have developed the skills and knowledge using the more complex features of AutoCAD. The trainees are shown how to handle files, Xrefs, Advanced Plotting and Data Management.

Duration –

Who should attend?

This course is designed for Candidates who have CAD experience and who wish to develop skills through the advanced features of AutoCAD.

Learning Objectives?

To receive a thorough grounding in AutoCAD enabling candidates to produce and plot 2D drawings so they can excel in their fields.

Advanced Lines

- Multi lines
- Custom Lines

Advanced Preference Settings & System Variables

- Options Dialog
- Display, Open & Save
- User Preferences & Selection Tabs

Blocks

- Blocks Defined
- Creating and Inserting Blocks
- Adding attributes to Blocks
- Redefining of Attribute Data

Dynamic Blocks

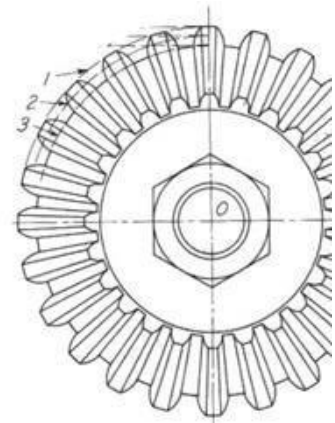
- Exploring the Block Editor
- Creating a Dynamic Block
- Editing Parameters

Concepts & Methods of Data Extraction

- Extraction of Attribute Data
- Attribute Extraction Demand

Advanced File Handling

- Recovering & Auditing Files
- Importing & Exporting Files



Images & External References

- Attaching and working with raster images
- Using Xrefs – Basic & Advanced
- PDF cropping & Underlay

Plot Management

- Model Space vs. Paper Space
- Creating Viewports
- Scaling Views
- Controlling Line-weight & Line-type

3D Modelling

- Extrude solids
- Surface creation
- Dynamic UCS
- Material Styles

Visualisation

- Material Properties
- Rendering Styles
- Visual Styles & Shading

Data Management

- Vault interoperability
- Revision Control



Course Requirements –
Microsoft® Windows®7,
Vista® or XP working.

Prior knowledge of
AutoCAD.

Additional Info -
Candidates receive
comprehensive courseware
upon completion.

Afterwards they have the
option of completing the
Autodesk AutoCAD
Certification exam and gaining
the 'Autodesk – certified'
status.



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