

AutoCAD Course Catalog – 30 Days

Day	Module	Topics Covered
1-2	Introduction to AutoCAD	Overview of AutoCAD, Interface Navigation, AutoCAD Workspace, Setting up a New Drawing
3-4	Basic Drawing Tools	Line, Polyline, Circle, Arc, Rectangle, Ellipse, and other basic drawing tools
5-6	Coordinate Systems & Grids	Cartesian Coordinates, Polar Coordinates, Grid and Snap Settings, User Coordinate System (UCS)
7-8	Drawing Precision	Ortho Mode, Object Snap (OSNAP), Grid Snap, Polar Tracking, Using Direct Distance Entry
9-10	Editing Tools	Move, Copy, Rotate, Scale, Mirror, Stretch, Array, Offset, Fillet, Chamfer
11-12	Layers & Properties	Creating & Managing Layers, Layer Properties, Layer Control, Color, Linetype, Lineweight
13-14	Text and Dimensions	Adding Text (Single Line, Multiline), Text Styles, Dimensioning (Linear, Angular, Radius, Diameter)
15-16	Blocks & References	Creating Blocks, Inserting Blocks, Block Attributes, External References (Xrefs)
17-18	Advanced Editing Techniques	Trim, Extend, Break, Join, Explode, Offset, and other advanced editing tools
19-20	Hatching & Gradients	Creating Hatches, Hatch Patterns, Gradient Fills, Editing Hatch Properties
21-22	3D Basics in AutoCAD	Introduction to 3D, Creating 3D Models, 3D Views, 3D Coordinate System, 3D Solids
23-24	3D Editing and Visualization	Moving, Rotating, Scaling in 3D, 3D Object Editing Tools, 3D Viewports, Shading, and Rendering
25	Creating & Editing Polylines	Polyline Editing, Spline Curves, Polyline vs Line, Editing Polyline Vertices
26-27	Blocks & Dynamic Blocks	Advanced Block Creation, Dynamic Blocks, Parameters & Actions, Block References
28	Annotative Objects	Annotative Scaling, Setting Annotation Scale, Annotating Drawings for Multiple Scales
29	Printing & Plotting	Page Setup, Plot Styles, Printing to PDF, Plotting to Scale, Plotter Configuration
30	Final Project & Certification	Hands-on Drawing Project, Review of Key Concepts, Final Exam & Certification