



AutoCAD for Performance Course

AutoCAD 2026

Although the course is written around AutoCAD for Windows, it is equally applicable for users of AutoCAD LT and the Mac versions

AutoCAD LT is a 2D only version, so not all tools are included. This is shown by *.

The Mac versions are also not able to include all the tools, and this is shown by ^

Basic Level

Part One

Introduction to AutoCAD and Computer Aided Draughting; The AutoCAD interface; Customising the Mouse; X & Y orientation

Drawing Lines and Circles; Erasing objects; Copy, Mirror and Offset; Units

Using and creating Layers

Adding Single Line text; Using the Distance command; Quick Measure

Basic plotting

Part Two

Drawing Polylines, Rectangles and Arcs; Moving and Rotating objects; Trim and Extend, Groups, Isolate Tools

Creating Blocks, Inserting Blocks,

Creating Text Styles; Multiline Text; Editing Text

Using Properties/Properties Palette/ Quick Properties;

Layouts; Model and Paper Space; Linetypes

Options; Status Bar; Floating Windows

Drawing Recovery^

Intermediate Level

Part Three

Drawing Splines and more Arcs; Fillet and Chamfer; Attributes; Block Layers; Counting Blocks; Rectangular Array; Express Tools* - Move Copy Rotate; Alternative entry methods

Dimension Styles; Smart Dimensioning; Express Tools; Dtext to MText; Mirrtext

Autodesk AI Assistant; Hatching; DWG Compare,

Plot Style Tables; Not Plotting Layers; Creating PDFs^

Further Options

Part Four

Ellipses; Isometric Drawing; Polygons; Donuts; Polar and Path Array

The Blocks Palette, AutoCAD DesignCenter^ & Content Palette; Creating a library drawing; Dynamic Blocks;

Divide and Measure; Points and Point Styles; Stretch; Scale;

More Dimensioning; Moving the UCS; Revision Clouds; Attribute Extraction*^; ATTEXT; ATTOUT & ATTIN*^

Templates & Titleblocks; Creating Keys; Gradient Hatching; Transparency,

Batch Plotting, Activity Insights^

Customising the Ribbon^; Workspaces^

Advanced Level

Part Five

Break; Wipeouts; Grips; Explode; Nested Blocks: Synchronizing Blocks; Replacing Blocks; Nudge, Join and Blend: OSnaps, Creating Sections (Construction Lines & Rays)

Annotative Text; Annotative Text Styles; Anno Text in Blocks; TORIENT*; Multileaders; Multileader Tools; Express Text Tools*; Default Scales

Layers in Viewports; Layer Tools; Layer States; Linetype Scaling; Lineweights; Redraw and Regen; Purge

PaperSpace Annotation; Exporting drawings as images

Add Ins*; Customising the Quick Access Toolbar*; Mouse Tools

Part Six

Multilines & Multiline Styles^ (*Use DLines); Multiline Editing*; Importing DWGs from other programmes; External References; XRef Compare;

Introduction to 3D Modelling* (^ Not all features available in AutoCAD for Mac)

Tables; Measuring Areas

CAD Standards*; Layer Translator*; Rotating Plots;

Exporting in different file formats; DWG Viewers; Share; AutoCAD Web App; AutoCAD Mobile App: Autodesk Forma; Trace & Checkout; Drive

Customising the User Interface; The Action Recorder*