



AutoCAD Advanced Training



The AutoCAD Advanced training course introduces advanced techniques and demonstrates how to efficiently use the AutoCAD software.



SALES | SUPPORT | SOLUTIONS



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Objectives

The AutoCAD Advanced training course introduces advanced techniques and demonstrates how to efficiently use the AutoCAD software. The AutoCAD Advanced training course will teach how to recognise the most efficient tools for tasks, the best ways to use those tools and how to create new tools to accomplish tasks with ease of use.

Topic's Covered

- Advanced Text Objects
- Working with Tables
- Defining Dynamic Blocks and Attributes
- Collaboration and Automation tools
- CAD Management and System setup
- Using Macros and Custom Routines

Course Outline

- 1) Getting Started with AutoCAD
- 2) Advanced Text Objects
- 3) Working with Linked Tables
- 4) Advanced Annotation
- 5) Dynamic Blocks
- 6) Attributes
- 7) Advanced Blocks & Attributes
- 8) Output & Publishing
- 9) Other Tools for Collaboration
- 10) Cloud Collaboration & 2D Automation
- 11) Introduction to Sheet Sets
- 12) Publishing & Customising Sheet Sets
- 13) Sheet Sets
- 14) Managing Layers
- 15) CAD Standards
- 16) System Setup
- 17) Introduction to Customisation
- 18) Customising the User Interface
- 19) Macros & Custom Routines

Prerequisites

- Completion of AutoCAD/AutoCAD LT Essentials course or equivalent

Course Duration: 2 Days (recommended)



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Detailed Course Outline

Getting Started with AutoCAD

- Introduction

Advanced Text Objects

- Annotation Scale Overview
- Using Fields
- Controlling the Draw Order

Working with Linked Tables

- Working with Linked Tables
- Creating Table Styles

Advanced Annotation

Dynamic Blocks

- Working with Dynamic Blocks
- Creating Dynamic Block Definitions
- Dynamic Block Authoring Tools
- Additional Visibility Option

Attributes

- Inserting Blocks with Attributes
- Editing Attributes Values
- Defining Attributes
- Redefining Blocks with Attributes
- Extracting Attributes

Advanced Blocks & Attributes

Output & Publishing

- Output for Electronic Review
- Autodesk Design Review
- Publishing Drawing Sets

Other Tools for Collaboration

- eTransmit
- Hyperlinks

Cloud Collaboration & 2D Automation

- Connecting to the Cloud
- Sharing Drawings in the Cloud
- Attach Navisworks Files
- Attach BIM 360 Glue Models

Introduction to Sheet Sets

- Overview of Sheet Sets
- Creating Sheet Sets
- Creating Sheets in Sheet sets
- Adding Views to Sheets
- Importing Layouts to Sheet Sets

Publishing & Customising Sheet Sets

- Transmitting and Archiving Sheet Sets
- Publishing Sheet Sets
- Customising Sheet Sets
- Custom Blocks for Sheet Sets

Sheet Sets



Detailed Course Outline

Managing Layers

- Working in the Layer Properties Manager
- Creating Layer Filters
- Setting Layer States

CAD Standards

- CAD Standards Concepts
- Configuring Standards
- Checking Standards
- Layer Translator

System Setup

- Options Dialog Box
- System Variables
- Dynamic Input Settings
- Drawing Utilities
- Managing Plotters
- Plot Styles

Introduction to Customisation

- Why Customise?
- Creating a Custom Workspace

Customising the User Interface

- Using the Customise User Interface (CUI) Dialog Box
- Customising the Ribbon
- Customising the Quick Access Toolbar
- Customising Menus
- Keyboard Shortcuts

Macros & Custom Routines

- Custom Commands and Macros
- Running Scripts
- Action Recorder
- Editing Action Macros
- Loading Custom Routines

