

## AutoCAD Advanced

### Course Description

This course is designed for the experienced AutoCAD® user who requires additional training to enhance their productivity. It incorporates the features, commands, and techniques for managing files, creating consistent drawings, connecting to external databases, and customizing AutoCAD.

This advanced-level course continues to build on the concepts of the AutoCAD Essentials and AutoCAD Intermediate courses.

Hands-on exercises are used throughout the course to illustrate the concepts that are taught.

**Course Duration:** 2 days

### Objectives

The primary objective of this course is to teach the student powerful tools and techniques for customizing AutoCAD, file maintenance, collaboration, connecting to external databases, and implementing CAD Standards.

With an understanding of these tools, students can streamline the design process when working with the extended design team, have more control over the consistency of their drawings, and customize AutoCAD for their own needs.

### Who Should Attend

This course is designed for the intermediate AutoCAD user who wants to learn more about AutoCAD.

### Prerequisites

The student should have completed the AutoCAD Intermediate and/or the AutoCAD Essentials course or have equivalent experience with AutoCAD.



# Course Outline

## Day 1

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### Customizing AutoCAD

- Customizing Commands, Toolbars, and Tool Palettes
- Customizing Menus
- Creating Macros and Slide Shows
- Creating Linetypes and Hatch Patterns
- Creating Shapes and Fonts
- Workspaces
- Loading Routines and Applications

### Drawing Maintenance & Recovery

- Temporary Files
- Repairing Corrupted Drawing Files
- Using Backup Drawings
- Drawing Recovery
- Recovery Manager
- Archiving Drawings
- Finding Drawings
- Purge Command

### Migration

- Customize User Interface
- Compatibility with Previous Releases

### AutoCAD Options

- Files Tab
- Display Tab
- Open/Save Tab
- Plot/Publish Tab
- Drafting Tab
- Selection Tab
- Profiles Tab
- User Preferences Tab

## Day 2

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### Collaboration Concepts

- eTransmit
- Publish to Web
- DWF Files
- Markups
- Working with Internet Content
- Object Hyperlinks
- Exporting AutoCAD Data
- Drawing Security

### CAD Standards

- Creating a Standards File
- Standards File Checking
- Batch Standards Checking
- Viewing a Batch Standards File
- Layer Translator

### Working with External Databases

- Understanding External Database Access
- Preparing for Database Connectivity
- Connecting to Your Database
- Linking Data to Drawing Objects
- Creating Labels
- Querying with the Query Editor
- Working with Query Files

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**Note:** The course duration shown above is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants.

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