



**AutoCAD Advanced** builds upon the knowledge gained in the AutoCAD Fundamentals Course or can help elevate productivity with your AutoCAD industry experience. Students will work with the applications advanced annotation, drawing with complex objects, and defining blocks and attributes. Learn productivity tools and shortcuts, and do fundamental customization. Enhance your proficiency and increase productivity with hands-on project exercises guided by an Autodesk Authorized Instructor.

**Prerequisite:** AutoCAD Fundamentals or passing score from MWC placement Exam



**Autodesk**  
 Authorized Training Center  
 Consulting Services Partner  
 Authorized Certification Center

**Visit [mwcad.com](http://mwcad.com) for a complete class schedule or call us at 800-279-3221.**

\* The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.

**What students are saying about our courses:**

**"Our instructor did a fantastic job with the training; my staff is up and running much faster than anticipated. Thanks!"**  
 - Jon Baskind,  
 Preston Refrigeration

**"The instructor was very knowledgeable and ensured everyone grasped the concepts before moving on. He answered all questions even if they were outside the scope of the class. Great Job!"**  
 - Vern Howard,  
 Honeywell FM&T

### Productivity Tools

#### Advanced Text Objects

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

#### Working with Tables

- Creating Tables, Modifying Tables, Working with Linked Tables, Creating Table Styles.

### Advanced Blocks and Attributes

#### Dynamic Blocks

- Working with Dynamic Blocks, Creating Dynamic Block Definitions, Dynamic Block Authoring Tools, Visibility Options.

#### Attributes

- Inserting Blocks with Attributes, Editing Attribute values, Defining Attributes, Redefining Blocks with Attributes, Extracting Attributes.

### Output and Collaboration

#### Electronic Review

- Exporting DWF or PDF Files, Design Review

#### Other Tools for Collaboration

- eTransmit, Hyperlinks.

#### Online Collaboration & 2D Automation

- AutoCAD WS, Automatic Model Documentation

### Sheet Sets

#### Introduction to Sheet Sets

- Overview, Creating Sheet Sets, Creating Sheets in Sheet Sets, Adding Views, Importing Layouts

#### Publish & Customizing Sheet Sets

- Transmitting and Archiving, Publishing, Customizing, Custom Blocks for Sheet Sets.

### Drawing Standards and System Setup

#### Managing Layers

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

#### CAD Standards

- CAD Standard Concepts, Configuring Standards, Checking Standards, Layer Translator.

#### System Setup

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

### Introduction to Customization

#### Customizing the User Interface

- Why Customize, What can be customized, Setting up Workspaces, Using the Customize User Interface (CUI), Creating custom Toolbars, Customizing the Ribbon, Menus, Keyboard Shortcuts.

#### Macros and Custom Routines

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