

AutoCAD Beyond the Basics

2 Days | 14 LUs



Two-day, hands-on course going beyond the basic functions in AutoCAD to enhance one's skills and productivity.

Recommended as a continuation of Ideate's 3 day Fundamentals training, this course builds on core concepts by introducing more sophisticated tools and techniques. Learn keyboard shortcuts, essential workspace customization and editing functions, as well as the basics of attaching external references, setting up templates, and creating text/dimension/multileader styles.

COURSE OBJECTIVES

Using Ideate's proven instructor-led method, we will increase the efficiency of designers, drafters, modelers, and engineers by enhancing their knowledge of AutoCAD tools and providing them with best practices, tips, and techniques.

To ensure confidence in your new skills, we extend your classroom training with 90 days of free follow-up support on all class material.

TARGET AUDIENCE

- AutoCAD users who want to do more than basic drawing and editing
- Prior Fundamentals students looking to increase skills and productivity
- CAD Managers and/or AutoCAD power users responsible for creating internal company styles and standards

PREREQUISITES

- A thorough understanding of all concepts taught in Ideate's AutoCAD Fundamentals course
- Knowledge of basic design/drafting concepts, procedures, and terminology
- Knowledge of the Microsoft Windows operating system

Note: This training course is not designed for users of the AutoCAD for Mac software.

AUTOCAD BEYOND THE BASICS DAY 1

Working Effectively with AutoCAD

Creating a Custom Workspace
Using the keyboard effectively
Object Creation, Selection and Visibility
Working in Multiple Drawings
Copying and Pasting Between Drawings
Using Grips Effectively
Additional Layer Tools

Accurate Positioning

Coordinate Entry
Locating Points with Tracking
Construction Lines
Placing Reference Points

Parametric Drawings

Working with Constraints
Geometric Constraints
Dimensional Constraints

Working with Blocks

Creating Blocks
Editing Blocks
Removing Unused Elements
Adding Blocks to Tool Palettes
Modifying Tool Properties in Tool Palettes

AUTOCAD BEYOND THE BASICS DAY 2

Creating Templates

Why Use Templates
Controlling Units Display
Creating New Layers
Adding Standard Layouts to Templates
Saving Templates

Advanced Layouts

Creating and using named views
Advanced Viewport options
Layer overrides in viewports
Additional annotative scale features

Annotation Styles

Creating Text Styles
Creating Dimension Styles
Creating Multileader Styles

External References

Attaching External References
Modifying External References
Xref Specific Information

Note: Outlined topics and daily schedule may be modified slightly per instructor's discretion and class structure.

