

AutoCAD – Essentials

AutoCAD is one of the world's most widely used technical drawing and drafting software packages. With AutoCAD, you'll have a full set of precision drafting tools to create, manage, and share drawings that are visually impressive.

At the completion of this course, you'll understand how to use AutoCAD's various tools for common technical drawing and drafting tasks, including: creating and manipulating basic 2D geometry; organizing and extracting information from your drawings; annotating your drawings with text and dimensions; plotting your drawings; and developing and working with reusable content using blocks, Tool Palettes, and DesignCenter.

Who should attend?

This is a beginner-level course for architects and drafters who are presently using any type of CAD-based software

Prerequisites

No prerequisites for this course. Architectural design, drafting or engineering experience is recommended. However, no previous CAD experience is necessary. Students should have a working knowledge of the Microsoft Windows environment.

Questions?

Please call us at 800-336-3375.

Course Outline

Basic Concepts

- Navigating the Working Environment
- Setting up drawing units and default styles

Entity Creation and Modification

- Creating Basic Drawings
- Manipulating Objects
- Altering Objects

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Drawing Organization and Inquiry Commands

- Layering and Layer Tools
- Modifying Object Properties
- Using Inquiry Commands

Annotation and Dimensioning

- Using Text and Dimension Styles
- Creating Text and Dimensions
- Using and Controlling Annotation Scaling

Working with Reusable Content

- Using Blocks and Dynamic Blocks
- Using Tool Palettes
- Using Tables

Layouts and Plotting

- Using Layouts
- Using Page Setups
- Using Viewports
- Plotting and Publishing
- Using Drawing Templates