

Productivity with AutoCAD (Intermediate)

Description

Duration: 2 Days

This courseware is designed for the established AutoCAD® user who requires additional training. It incorporates the features, commands, and techniques for becoming more productive when creating, annotating, and printing drawings with AutoCAD.

This intermediate-level course continues to build on the basic concepts of the Learning AutoCAD, looking to get more out of the 2D environment.

Hands-on exercises throughout the courseware explore how to create 2D production drawings. The exercises are provided in both a printed format as well as an onscreen format that can be viewed next to AutoCAD.

Course Objectives:

The primary objectives of this courseware are:

- To teach students powerful tools and techniques for drawing, dimensioning, and printing 2D drawings.
- To enable students to reuse content that has been previously created, and extract information from their drawings.

With an understanding of these tools, students can begin to streamline the design process and become more productive with AutoCAD.

Who Should attend & Prerequisites:

This courseware is designed for the experienced AutoCAD user who wants to learn more about AutoCAD. It is recommended that students have a working knowledge of:

- The current or a previous release of AutoCAD.
- Creating and editing basic AutoCAD objects.
- Microsoft® Windows® 2000, Microsoft® Windows® XP, or Microsoft® Windows® Vista.



Productivity with AutoCAD Course Outline:

Day 1

Drawing Objects

- Creating Revision Clouds
- Creating Wipeout Objects
- Creating Boundaries
- Creating Regions

Manipulating Objects & Data

- Selecting Objects with Quick Select
- Purging Objects
- Working with Point Objects
- Dividing and Measuring Objects
- Using QuickCalc for Performing Calculations

Using Template Files

- How to use them
- What are Template Files

Dimensioning & Annotation

- Working with Text
- Using MultiLeaders
- Dimensioning Tools
- Working with Dimension Substyles and Overrides

Reusable Content

- Using DesignCenter
- Using Tool Palettes
- Using Xrefs (DWG, PDF, DWF, DGN, and Images)

Using Blocks and Attributes

- Using Blocks
- Using Attributed Blocks
- Using Dynamic Blocks

Day 2

Layer Management & Best Practices

- Using Layer Standards
- Working with Layer Filters
- Using the Layer State Manager

Layouts & Views

- Creating Layouts
- Modifying Layouts and Using Page Setups
- Creating Layout Viewports
- Working with Layout Viewports
- Controlling Layout Visibility in Layout Viewports

Annotation Scaling

- Introduction to Annotation Scaling
- Controlling Annotation Scale

Plotting

- Working with Plotter Configuration Files
- Creating and Applying Plot Style Tables
- Publishing Drawings

Introduction to Sheet Sets

- Using Sheets Sets

Working with Tables

- Working with Table Styles
- Creating and Editing Tables
- Creating Advanced Tables
- Extracting Attributes to Tables
- Working with External Table Data

