

AutoCAD 2006 Intermediate

Course Description

This course is designed for the experienced 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 2006.

This intermediate-level course continues to build on the basic concepts of the AutoCAD 2006 Essentials course.

Hands-on exercises are used throughout the courseware to illustrate the concepts that are taught. The exercises are provided in both a printed exercise workbook as well as an online format that can be viewed next to AutoCAD

Suggested Course Duration: 3 days

Objectives

The primary objective of this course is to teach the student powerful tools and techniques for drawing, dimensioning, and printing 2D drawings. Students will also learn how 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 2006.

Who Should Attend

This course is designed for the experienced AutoCAD user who wants to learn more about AutoCAD 2006.

Pre-Requisites

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

Course Outline

Day 1

Drawing Objects

- Multilines
- Donuts
- Construction Geometry
- Point Objects
- Revision Clouds
- Wipeouts
- Boundaries
- Regions

Manipulating Objects and Data

- Using Quick Select
- Purging Objects
- Exploding Objects
- Dividing and Measuring Objects
- Geometry Calculator

Dimensioning

- Center Marks
- Ordinate Dimensions
- Geometric Dimensioning and Tolerances
- Dimension Styles and Overrides

Day 2

Reusable Content

- Using DesignCenter™
- Creating Custom Tool Palettes
- Managing and Sharing Tool Palettes
- Using External References

Blocks and Attributes

- Blocks
- Attributes
- Edit and Extract Attributes

Dynamic Blocks

- Using Dynamic Blocks

Layer Management and Best Practices

- Layer Properties Manager
- Layer Filters
- Layer States Manager
- Layer Standards

Day 3

Layouts and Views

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

Plotting

- Plotter Configuration Files
- Plot Style Tables
- Publishing Drawings

Introduction to Sheet Sets

- Creating Sheet Sets
- Working with Sheet Sets
- Setting Sheet Set Properties
- Using Fields in Sheet Sets
- Using Attributes in Sheet Sets
- Publishing, Transmitting, and Archiving Sheet Sets

Template Drawing Creation

- Using Drawing Templates

Note: The suggested course duration 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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