
Course Title: AutoCAD Intermediate

Course Code: ACAD-2

Duration: 2 Days

Courseware Description

This courseware 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. This intermediate-level course continues to build on the basic concepts of the AutoCAD Comprehensive Introduction (ACAD-1A / ACAD-1B) course. 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.

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

This courseware is designed for the experienced AutoCAD user who wants to learn more about AutoCAD

Prerequisites

It is recommended that students have a working knowledge of:

- Completion of [ACAD-1](#) course or equivalent working knowledge of the content of either course.
- The current or a previous release of AutoCAD.
- Creating and editing basic AutoCAD objects.
- Microsoft® Windows® XP or Microsoft® Windows® 2000

Course Outline

Drawing Objects

- Multilines
- Revision Clouds
- Wipeouts
- Boundaries

Manipulating Objects and Data

- Using Quick Select
- Purging Objects
- Dividing and Measuring Objects

Template Drawing Creation

- Using Drawing Templates

Dimensioning and Annotation

- Introduction to Annotation Scaling
- Controlling Annotation Scale
- Using Multileaders
- Dimensioning
- Ordinate Dimensions
- Dimension Styles and Overrides

Layer Management and Best Practices

- Layer Filters
- Layer States Manager

Layouts and Views

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

Reusable Content

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

Blocks and Attributes

- Blocks
- Attributes

Dynamic Blocks

- Using Dynamic Blocks
- Parameters
- Actions
- Creating Dynamic Blocks

Plotting

- Plotter Configuration Files
- Plot Style Tables
- Publishing Drawings

Creating Tables

- Table Styles
- Creating and Modifying Tables
- Creating Tables from External Data
- Advanced Table Contents
- Extracting Attributes to Table