

AutoCAD Architecture Advanced training course

Course Description

This hands-on course covers many of the advanced features of AutoCAD® Architecture including:

- Customizing walls, elevations and sections.
- Creating massing studies and space studies.
- Creating object styles for walls, windows, doors, spaces, curtain walls, and several annotation objects.
- Create custom content.
- Setting up project standards.
- Customizing layers and the display system.

Course Duration: 3 days
Courseware provided: Yes

Objectives

To teach the use of AutoCAD Architecture's advanced design tools for creating massing studies or space studies, and to teach how to customize styles and settings in the AutoCAD Architecture environment.

After completing this course, delegates will be able to:

- Understand the Style Manager.
- Use advanced wall and section/elevation tools.
- Create massing studies with mass elements and mass groups.
- Use spaces to develop and analyze a building design.
- Define multi-view blocks and creating custom content.
- Create styles for AEC objects including walls, doors, windows and curtain walls as well as annotation object styles.
- Customize layer properties and the display system.

Who Should Attend

Architects, CAD Managers, and other users of AutoCAD Architecture who want to learn about its advanced design tools and features.

Prerequisites

Before attending this course, delegates should be able to:

- Add grids, fixtures, floors, walls, ceilings, roofs, doors, walls, and stairs to a building model.
- Created output that includes different views, annotations, tables, and legends.

Delegates should also have a working knowledge of Microsoft® Windows® .

Course Outline

General Style Information

- Using the Style Manager
- General Style Properties
- Working With Materials, Classifications, and Display Properties

Wall Tools

- Creating and Changing Wall Modifiers
- Miscellaneous Wall Tools
- Complex Wall Shapes

Advanced Sections and Elevations

- Horizontal and Vertical Sections
- Subdivisions, Linework, Material Boundaries

Massing Studies

- Mass Elements and Mass Groups
- Converting Mass Elements to Walls

Space Planning

- Modifying Spaces
- Grouping Spaces into Zones
- Evaluating Space Information
- Display Themes and Spaces

Architectural Object Styles

- Creating Door, Window, and Space Styles

Annotation Object Styles

- Schedule Table Styles
- AEC Dimension Styles and the AEC Dimension Style Wizard
- Creating Display Theme Styles

Curtain Wall and Door/Window Assembly Styles

Customizing Content

- Customizing Tool Palettes
- Using the Content Browser
- Creating Multi-View Blocks
- Creating Custom Content

Project Standards

Layer Standards and Overrides

Display Control Basic

Changing Object Display Properties

Setting Up New Display Controls

Please note: Course topics may be modified by the instructor based upon the knowledge and skill level of the course participants.

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