

AutoCAD Architecture Essentials

Course Description

This course provides new users with comprehensive training in AutoCAD® Architecture. The hands-on lessons cover features, commands, and techniques for creating, editing, and printing drawings with AutoCAD Architecture. Exercises can be completed using imperial or metric units.

Suggested Course Duration:	3 days
Pages:	390
Trial CD:	Yes
Onscreen Exercises Included?	Yes

Objectives

The primary objective of this course is to teach students the basic commands for architectural designing and drafting with AutoCAD Architecture software.

After completing this course, students will be able to:

- Use design resources and tools to increase productivity in the architectural design process.
- Add ceiling grids, ceiling fixtures, column grids, and structural members to a building model.
- Add floors, walls, and roofs to a building model.
- Add doors, windows, spaces, and stairs to a building model.
- Create and distribute plotting sheets for a building model design that includes views, display themes, annotations, schedules, and callouts.

Who Should Attend

This course is designed for new users of AutoCAD Architecture.

Prerequisites

Previous AutoCAD® experience is necessary. Drafting, design, or engineering experience is a plus. It is recommended that the student have a working knowledge of Microsoft® Windows® XP or Microsoft® Windows® 2000.

Course Outline

Day 1

- AA Workspaces, Toolpallets, Content Browser
- Constructs and Elements in the Project Navigator
- Creating and Editing Column Grids and Structural Members
- Creating and Modifying 2D Walls
- Creating and Manipulating Doors and Windows
- Creating and Manipulating Stairs
- Creating View Drawings and Model Space Views in the Project Navigator
- Layering in ADT

Day 2

- Creating Floors
- Creating Roofs
- Creating Ceiling Grids
- Adding and Editing Ceiling Fixtures
- Creating and Editing Curtain Walls
- Creating 3D Stairs and Railings
- Creating Door and Window Assemblies
- Editing Objects
- Using Object Display Options
- 3D Rendering

Day 3

- Annotating Drawings – AEC Dimensions and Title Marks
- Adding Callouts and Callout Views
- Adding Space Objects
- Adding Schedule Tags and Tables
- Using Detail Drafting Tools and Adding Detail Components
- Publishing and Transmitting Page Setups
- Creating Sheets and Plotting in the Project Navigator

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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