

## AutoCAD Architecture 2009 Essentials

### Courseware Description

Students use AutoCAD® Architecture 2009 to complete drawings on a small commercial building. AutoCAD Architecture 2009 productivity-enhancing tools are used to create plans and detailed drawings. Students also learn how to create a complete construction document set and how to organize their drawings in the Project Navigator.

<b>Suggested Course Duration:</b>	3 Days
<b>Pages:</b>	~390
<b>Trial CD:</b>	Yes
<b>Onscreen Exercises Included?</b>	No

### Objectives

The primary objective of this courseware is to teach students the recommended workflows and basic skills needed to create and modify 2D design and construction documents with AutoCAD Architecture 2009. After completing this course, students will be able to create design and construction drawings.

### Who Should Attend

The target audience for this class includes architects, architectural technicians, and drafters working in the construction industry. The course is particularly suited for individuals working in the architectural and construction industry who are working with AutoCAD and want to enhance efficiency through the use of AutoCAD Architecture 2009.

### Prerequisites

Before using this courseware, students should have completed an *AutoCAD Essentials* course and have working knowledge of the following:

- Architectural design and construction documentation.
- Microsoft® Windows® XP or Microsoft® Windows® 2000.

# Course Outline

## Day 1

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### Getting Started

- Using the Interface
- Using AEC Tools
- Adding and Modifying Walls
- Working with Doors, Windows, and Openings
- Creating and Modifying Spaces
- Creating Details

## Day 2

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### Tools and Utilities

- Layering in AutoCAD Architecture
- Changing Object Display
- Modifying a Design

### More Architectural Drawing Tools

- Working with Column Grids and Structural Members
- Working with Stairs and Railings
- Creating and Modifying Roofs
- Working with Ceiling Grids
- Adding and Editing Ceiling Fixtures
- Creating and Modifying Curtain Walls
- Creating and Modifying Door and Window Assemblies

## Day 3

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### Construction Documentation

- Annotating Drawings
- Working with Schedule Tags and Tables
- Using Callouts and Title Marks
- Using 2D Sections and Elevations

### Drawing Management

- Introduction to Projects
- Using Constructs and Elements
- Creating View Drawings
- Creating and Managing Sheets
- Creating a Project from Existing AutoCAD Drawings
- Sharing Project Files

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**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 participant

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