

Revit Architecture 2009 Advanced

Courseware Description

Students learn a wide range of advanced topics in Revit® Architecture 2009, building on the concepts introduced in the *Revit Architecture 2009 Essentials* course. Students learn about site design, advanced rendering techniques, phasing and design options, creating families of custom components, and collaborating on a design.

This courseware offers both imperial and metric hands-on exercises representing real-world design scenarios.

Suggested Course Duration:	2 days
Pages:	294
Trial CD:	No
Onscreen Exercises Included?	Yes

Objectives

The primary objective of this courseware is to teach students how to use powerful tools and advanced techniques in Revit Architecture 2009.

After completing this course, students will be able to:

- Create complex designs and professional-looking renderings.
- Create conceptual designs.
- Customize and create objects.
- Collaborate on designs with other team members using Revit Architecture 2009.

Who Should Attend

This courseware is designed for experienced users of Revit Architecture 2009.

Prerequisites

Before using this courseware, students should have completed the *Revit Architecture 2009 Essentials* course or have equivalent experience using Revit Architecture. In addition, students should have working knowledge of the following:

- Architectural design, drafting, or structural engineering.
- Microsoft® Windows® XP or Microsoft® Windows® 2000.

Course Outline

Day 1

Importing and Exporting Files

- Importing and Using External Files
- Exporting to External Files

Linking Files

- Working with Linked Revit Architecture Projects
- Monitoring and Coordinating Linked Projects

Conceptual Design

- Working with Mass Shapes
- Converting Mass Shapes to Building Components

Creating Advanced Components

- Creating and Using In-Place Families
- Creating and Modifying Component Families
- Creating Nested Families
- Working with Component Groups

Day 2

Design and Analysis

- Designing in Phases
- Using Design Options
- Running an Interference Check
- Area Plans and Color Fills

Revit Architecture Worksharing

- Project Sharing with Worksets
- Managing Worksets and Multiple Users

Working with Professionals

- Working on a Site Design
- Working with a Structural Engineer

Advanced Rendering

- Creating Realistic Presentations
- Rendering Interior Scenes Using Radiosity

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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