

Revit Architecture Advanced training course

Course description

Builds on the concepts introduced in the *Revit Architecture Essentials* course to teach wide range of advanced topics in Revit® Architecture, including:

- Site design.
- Advanced rendering techniques.
- Phasing and design options.
- Creating families of custom components.
- Collaborating on a design.

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

Course duration: 2 days
Courseware provided: Yes

Objectives

To teach students how to use powerful tools and advanced techniques in Revit Architecture, including:

- Creating complex designs and professional-looking renderings.
- Creating conceptual designs.
- Customising and creating objects.
- Collaborating on designs with other team members.

Who should attend?

Experienced users of Revit Architecture.

Prerequisites

No previous CAD experience is necessary. However, delegates should have a working knowledge of:

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

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

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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