

Revit Architecture – Advanced Course

Overview

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

Duration

2 Days (9:30am – 4:30pm) demonstration & practical exercises.

Prerequisites

Students should have completed the Revit Architecture Essentials course or have equivalent experience using Revit Architecture. Architectural design, drafting, or engineering experience is highly recommended.

It is also recommended that the student have a working knowledge of Microsoft® Windows® XP, Microsoft® Windows® 2000 or Microsoft® Windows® Vista.

Syllabus

Importing and Exporting Files

Importing and Using External Files
Exporting to External Files

Linking Files

Working with Revit Architecture Linked Files
Monitor and Coordinate 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 Parametric Families
Creating Nested Families
Working with Component Groups

Design and Analysis

Designing in Phases
Using Design Options
Checking and Fixing Interference Conditions

Revit Architecture Worksharing

Managing Project Sharing with Worksets
Managing Worksets and Multiple Users

Working with Professionals

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

Advanced Rendering

Creating Realistic Presentations
Creating Rendered Interior Scenes