



**Autodesk**  
Authorized Value Added Reseller

**Autodesk**  
Authorized Training Center

## Autodesk® Revit® Architecture 2010 Advanced – 2 days

### Course Description

Students learn a wide range of advanced topics in Revit® Architecture 2009, building 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. This courseware offers both imperial and metric hands-on exercises representing real-world design scenarios.

### 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

### Course Prerequisites

Students should have completed the Revit Architecture Intermediate 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 or Microsoft® Windows® 2000.