education@ideate

Revit Architecture Beyond the Basics

2 DAYS

14 LUs*

This class covers a wide range of advanced topics in Autodesk® Revit® Architecture, continuing to build on the concepts introduced in the Revit Architecture Fundamentals course. Students will learn about site design, advanced rendering techniques, phasing and design options, how to create families of custom components, and how to collaborate on a design. Both imperial and metric hands-on exercises represent real-world design scenarios.

Prerequisites: Students should have completed the Revit Architecture Fundamentals course or have equivalent experience using Revit Architecture. Architectural design, drafting or engineering experience is also highly recommended. It is also recommended that the student have a working knowledge of Microsoft® Windows® XP, Microsoft® Windows® 2000, or Microsoft® Windows® NT 4.0.

Register Online: Click here.

Autodesk®
Authorized Training Center

Visit www.ideateinc.com for a complete class schedule.
Or call our Training Department at 888.662.7238.

Training Facilities

San Francisco

San Jose

Sacramento

Portland

Seattle

Click here for training facility addresses and lab hours.

Course Objectives

The primary objective of this class is to teach students the powerful tools and advanced techniques for creating complex designs and professional looking renderings, creating and customizing objects, and collaborating on designs with other team members using Revit Architecture.

Upon the completion of the course students will be able to:

- Import and Export Raster and Vector Data, Use Site tools
- Use linked files to organize large Revit Projects
- Represent distinct time periods of the duration of a project using phases and incorporate alternative design schemes using design options.
- Check designs for interferences
- Create and use parametric components to automate the design process
- Use Autodesk Revit worksharing, so multiple team members can work on different areas of the project at the same time
- Create realistic rendered images of the design

Who Should Attend

This course is designed for experienced Revit Architecture users.

Course Outline

Day 1

Importing, Exporting, and Linking Files

- Importing and Exporting
- Working with Revit Architecture Linked Files
- Working with Shared Coordinates

Building Site Tools

- Importing Vector and Raster Data
- Linking Projects Site Plans and Topo Surfaces
- Working with Site Tools and Site Components

Design and Analysis

- Designing in Phases
- Using Design Options
- Checking and Fixing Interference Conditions
- Using Area Plans and Color Schemes

Day 2

Parametric Components

- Creating and Using In-Place Families
- Creating and Modifying Parametric Families
- Creating Nested Families
- Using Component Groupings
- Massing Tools for Family Creation (note: this topic is specifically for using the Solid and Void tools specific to family creation)

Revit Architecture Worksharing

- Managing Project Sharing with Worksets
- Managing Worksets and Multiple Users

Advanced Rendering Techniques

- Creating a Rendered Image
- Creating Realistic Presentations
- Rendering Interiors
- Creating Rendered Interior Scenes

*This class qualifies for AIA/CES Learning Units.