

Autodesk® Revit® Architecture The Complete Guide

Built for Building Information Modeling (BIM), Autodesk® Revit® Architecture software helps you capture and analyze your most innovative design concepts and maintain your vision through documentation. The information-rich models that the software provides support decision making for sustainable design, clash detection, construction planning, and fabrication, while helping you work collaboratively with engineers, contractors, and owners. All design changes along the way are automatically updated throughout your evolving design and documentation, making for more coordinated processes and reliable documentation.

Choose your training delivery style:

Guided courses qualify for an Autodesk® Certificates of Completion when purchased through a participating Autodesk ATC® and includes Technical Help Desk support. The course is structured to be completed in order from beginning to end. Once any topic is completed, you will have full access to it at any time for one year after registration, to use as a resource.

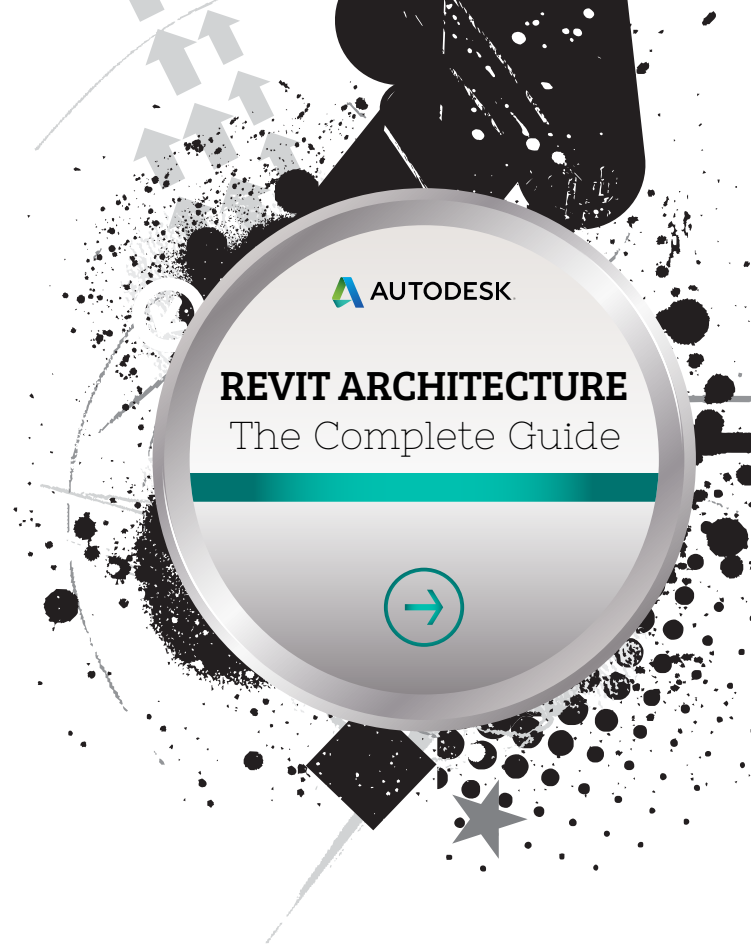
User's prerequisites

You don't need any previous experience with Autodesk® Revit® Architecture to take this course.

Revit® Architecture: The Complete Guide is designed to give you a solid understanding of Revit Architecture features and capabilities from the basics through to advanced components. Every course is designed to use all learning styles from text, audio, video, interactivity, quizzes and practical "Let Me Try" examples.

To get the most out of this course, we strongly recommend you review every topic within the course and take advantage of the different tools and activities to help to ensure you retain the important information within. We also encourage you to take all the progress tests to ensure you have retained the knowledge, and most importantly practice with the hundreds of real-world, Let Me Try examples.

Flexible course delivery allows full access to any area of the course. Because it is not structured, it is not eligible for Autodesk Certificates of Completion, but it does contain all the same content as the Guided version, including the lecture quizzes for your own assessment. Flexible courses are also available to you for one full year after registration. This allows you to find what you need, whenever you need it.



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Autodesk Revit Architecture: Learning Objectives and Topics

Introducing the Autodesk Revit Architecture Interface

- Understanding the Interface
- Understanding the Interface Workflow
- Using Common Modifying Tools

Walls and Curtain Walls

- Understanding Wall Types and Parameters
- Creating Numerous Wall Configurations
- Modifying Walls
- Creating Curtain Walls
- Modifying Curtain Walls

Floors, Roofs, and Ceilings

- Creating Floors
- Laying Out Roofs
- Adding Ceilings

Stairs, Ramps, and Railings

- Creating Stair Configurations
- Designing Ramps
- Building Railings for Level and Sloped Conditions

Adding Families

- Understanding the Model Hierarchy
- Working with System Families
- Working with Component Families

Modifying Families

- Editing View Display and Detail Level
- Changing the Family Category
- Modifying Family Geometry
- Family Tips and Best Practices

Schematic Design

- Working from a Sketch
- Modeling In-Place Masses
- Creating and Scheduling Mass Floors

Rooms and Color Fill Plans

- Defining Color-Fill Room Plans
- Generating Color-Fill Room Plans

Materials, Rendering, and Visualization

- Using Materials
- Using Graphic Display Options

Worksharing

- Enabling Worksharing
- Worksharing Workflow
- Creating New Elements and Worksharing Display Modes
- Worksharing Best Practices

Details and Annotations

- Creating Details
- Working with Details
- Annotating your Details
- Using Legends

Creating Drawing Sets

- Understanding Schedules
- Creating Schedules
- Placing Views on Sheets
- Printing Documents

Workflow and Site Modeling

- Understanding a BIM Workflow
- BIM Project Roles
- Modeling a Site
- Performing Quality Control on your Model

Repeating Objects, Best Practices, and Quick Tips

- Repeating Objects
- Optimizing Performance
- Using Quick Tips and Shortcuts
- Finding Additional Resources



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