

A banner for Autodesk Revit Architecture. On the left, the text 'Autodesk Revit Architecture' is written in white on a dark blue background. To the right, there is a 3D architectural rendering of a modern building with a glass facade and a courtyard area.

Autodesk Revit Architecture

Revit 2010 Essentials

Description

In this Revit Architecture training course students use Revit® Architecture 2010 to learn about building information modeling and the tools for parametric building design and documentation.

Students begin the three-day Revit Architecture training course by learning the fundamental features of Revit Architecture 2010, and then progressing through schematic design and construction documentation, before finishing with design visualization.

Students should be able to complete their first Revit Architecture project after completing this Revit Architecture training course.

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

Prerequisites

No previous CAD experience is necessary. However, before using this courseware, the student should have a working knowledge of the following:

- Architectural design, drafting, or engineering principles.
- Microsoft Windows Vista or Microsoft Windows XP.

Class Information

Duration 3 days

Objective The primary objective of this Revit Architecture training course is to teach students the concepts of building information modeling and introduce the tools for parametric building design and documentation using Revit Architecture 2010.

After completing this class, users will be able to:

- Describe the benefits of building information modeling.
- Use the fundamental features of Revit Architecture 2010.

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Autodesk®

- Use the parametric 3D design tools to design projects.
- Create detailing and drafting views.
- Create construction documentation.
- Use the presentation tools for design visualization.

Who Should Attend

New users of Autodesk Revit 2010.

Course Outline

Day 1

Building Information Modeling

- Building Information Modeling

Revit Architecture Basics

- Exploring the User Interface
- Working with Revit Elements and Families
- Starting a Project

Starting a Design

- Creating a Basic Floor Plan
- Creating and Modifying Levels
- Working with Grids

The Basics of the Building Model

- Adding and Modifying Walls
- Working with Compound and Vertically Compound Walls
- Using Editing Commands
- Working with Doors
- Adding and Modifying Windows

Loading Additional Building Components

- Adding and Modifying Component Families

Day 2

Viewing the Building Model

- Managing Views
- Controlling Object Visibility
- Working with Section and Elevation Views
- Creating and Modifying 3D Views

Using Dimensions and Constraints

- Working with Dimensions
- Applying and Removing Constraints

Developing the Building Model

- Creating and Modifying Floors
- Adding and Modifying Ceilings
- Adding and Modifying Roofs
- Creating Curtain Walls
- Adding Stairs and Railings

Day 3

Detailing and Drafting

- Creating Callout Views
- Working with Text and Tags
- Working with Detail Views
- Working with Drafting Views

Construction Documentation

- Creating and Modifying Schedules
- Creating Rooms and Room Schedules
- Creating Legends and Keynotes

Presenting the Building Model

- Creating and Printing Drawing Sheets
- Working with Title Blocks
- Managing Revisions
- Creating Renderings
- Using Walkthroughs
- Using Sun and Shadow Settings

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Frequently Asked Questions:

Post-Revit Architecture Training support

All delegates are eligible to email support for up to 30 days from Sprunt Media.

How much does the Revit Architecture 2010 training course cost?

Our standard pricing for our training is £350.00 per delegate per day.

Reduced online booking cost are as follows-

1 delegate: £250 per delegate per day

Further discounts are available for group bookings.

Please call for more information on group prices. **0207 478 1000**

Please see Training calendar for scheduled dates for this course.

If the scheduled dates are not suitable or for further information, please contact 020 7478 1000 or e-mail info@sprunt-media.net