

Revit – Architectural Fundamentals

Total Hours: 32

Revit® software is a powerful Building Information Modeling (BIM) program that works the way Architects think. From Preliminary Design through Design Development, and into Construction Documents, the program streamlines the design process with a central 3D model. Changes made in one view update across all views and on the printable sheets. This training course is designed to teach you the Revit functionality, as you would work with it in the design process. Begin by learning about the user interface and the Revit commands for design development, followed by those available for construction documentation.

Since building projects themselves tend to be extremely complex, the objective of the Revit Fundamentals training course is to enable students to create full 3D architectural project models and set them up in working drawings. This training course focuses on basic tools that the majority of students need to work with Revit.

Topics include:

- Understand the purpose of Building Information Management (BIM) and how it is applied in Revit
- Navigating the Revit workspace and interface
- Working with the basic drawing and editing tools in Revit
- Creating Levels and Grids as datum elements for the model
- Creating a 3D building model with walls, curtain walls, windows, and doors
- Adding floors and roofs to the building model
- Creating standard and custom stairs
- Detailing Reflected Ceiling Plans with ceilings and lighting fixtures
- Adding component features, such as furniture and equipment
- Setting up sheets for plotting with text, dimensions, details, tags, and schedules
- Creating details

Prerequisites: An understanding of Architectural terminology is an asset.

Training Manual: 630 pages



Autodesk
Authorized Publisher

www.cadtechseminars.com

P.O. Box 2266
Mandeville, LA 70471
1-800-454-4054
985-674-0234
fax 866-764-6605
www.cadtechseminars.com