

Technical Education Services

Autodesk Revit Collaboration Tools

Course Length: 1 day

Autodesk® Revit® is a Building Information Modeling (BIM) tool, which can be used by more than one person working on a new project. This is an important feature in collaboration within a project, between projects, and with other users, firms, and disciplines.

The objective of the Autodesk Revit Collaboration Tools course is to enable users, who have a basic knowledge of Autodesk Revit, to increase their productivity while working with other people on a team, either in the same firm or other firms as well as with other disciplines. It also covers linking Autodesk Revit files and linking or importing other CAD files. Practices are available for each of the primary disciplines covered by Autodesk Revit: architecture, MEP, and structure.

Topics Covered

- Set up project phasing
- Use groups
- Create and display a variety of Design Options
- Link Autodesk Revit files
- Use multi-discipline coordination, including Copy/Monitor and Coordination Review
- Import and export vector and raster files, including exporting Autodesk Revit models for energy analysis
- Understand, use, and set up worksharing

Prerequisites

Users should be comfortable with the fundamentals of Autodesk Revit as taught in Autodesk Revit: Fundamentals for Architecture, Autodesk Revit: Fundamentals for MEP, or Autodesk Revit: Fundamentals for Structure. Knowledge of basic techniques is assumed, such as creating typical elements, copying and moving objects, creating and working with views, etc.

Course description shown for Autodesk Revit 2021. Topics, curriculum, and/or prerequisites may change depending on software version.



Training Guide Contents

Chapter 1: Phasing, Groups, and Design Options

- 1.1 Applying Project Phasing
- 1.2 Working with Groups
- 1.3 Using Design Options

Chapter 2: Linking Models

- 2.1 Linking Models
- 2.2 Views and Linked Models
- 2.3 Copying and Monitoring Elements
- 2.4 Coordinating Linked Models

Chapter 3: Importing and Exporting

- 3.1 Importing and Linking Vector Files
- 3.2 Modifying Imported Files
- 3.3 Importing and Linking Raster Image and PDF Files
- 3.4 Exporting Files
- 3.5 Exporting for Energy Analysis

Chapter 4: Project Team Collaboration

- 4.1 Introduction to Worksharing
- 4.2 Enabling Worksharing
- 4.3 Setting Up Worksets
- 4.4 Create a Central Model
- 4.5 Create a Local File from a Central Model
- 4.6 Working in a Workshared File
- 4.7 Visibility and Display Options with Worksharing
- 4.8 Worksharing and Linked Models
- 4.9 Best Practices for Worksharing

Appendix A: Additional Information

- A.1 Linked Model Conversion
- A.2 Shared Positioning

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To request more information or to see training locations, visit www.imaginit.com/contact-us.

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