IMAGINIT TECHNOLOGIES

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 training course is to enable students, 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
- Create and display a variety of design options
- Use groups
- 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 setup worksets

### Prerequisites

Access to the 2019 version of the software. The practices and files included with this course might not be compatible with prior versions.

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

*Course description shown for Autodesk Revit 2019. Topics, curriculum, and/or prerequisites may change depending on software version.*

## Training Guide Contents

### Chapter 1: Phasing, Design Options, and Groups

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

### Chapter 2: Linking Models

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

### Chapter 3: Importing and Exporting

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

### Chapter 4: Project Team Collaboration

- 4.1 Introduction to Worksets
- 4.2 Opening and Saving Workset-Related Projects
- 4.3 Working in Workset-Related Projects
- 4.4 Visibility and Display Options with Worksharing
- 4.5 Worksharing and Linked Models
- 4.6 Setting Up Worksets
- 4.7 Best Practices for Worksets

### Appendix A: Additional Information

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

### Appendix B: Autodesk Revit Architecture Certification Exam Objectives

### Appendix C: Autodesk Revit MEP Certification Exam Objectives

### Appendix D: Autodesk Revit Structure Certification Exam Objectives

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

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