

Autodesk Revit BIM Management: Template and Schedule Creation

Course Length: 1 day

Building Information Modelling (BIM) is an approach to the entire building life cycle. Autodesk Revit for Architecture is a powerful BIM program that supports the ability to coordinate, update, and share design data with team members throughout the design construction and management phases of a building's life. A key component in managing the BIM process is to establish a company foundation for different types of projects by creating standard templates and custom family elements. Having this in place makes the process of any new project flow smoothly and efficiently.

The objective of the Autodesk Revit BIM Management: Template and Schedule Creation training course is to enable users who have worked with the software to expand their knowledge in setting up office standards with templates that include annotation styles, preset views, sheets, schedules and component families.

This training course contains practices that are specific to each discipline.

Topics Covered

- Create custom templates with annotation styles
- Create title blocks, and custom element types.
- Set up view filters.
- Add view templates.
- Create schedules, including material takeoff schedules with formulas

Prerequisites

Students should be comfortable with the fundamentals of the Autodesk Revit software, as found in the Autodesk Revit Fundamentals training courses. Knowledge of basic techniques is assumed, such as creating standard element, copying and moving elements, and creating and working with views, etc. Information on Collaboration Tools, Conceptual Design, and Site and Structural Design are covered in additional training courses.

Training Guide Contents

Chapter 1: Creating Custom Templates

- 1.1 Preparing Project Templates
- 1.2 Customizing Annotation Types
- 1.3 Creating Title Blocks
- 1.4 Setting Up View Filters
- 1.5 Adding View Templates

Chapter 2: Creating Schedules

- 2.1 Introduction to Schedules
- 2.2 Creating Building Component Schedules
- 2.3 Modifying Schedule Appearance
- 2.4 Additional Schedule Types
- 2.5 Advanced Schedule Options
- 2.6 Working with Project Parameters

Appendix A: Additional Management Tools

- A.1 General Settings
- A.2 Creating Object Styles
- A.3 Creating Fill Patterns
- A.4 Creating Materials
- A.8 Additional Schedule Types
- A.9 Basic User Interface Customization

Appendix B: Autodesk Revit Certification Exam Objectives