



# Autodesk Revit BIM Management: Template and Schedule Creation

Course ID #: 7000-847-ZZ-Z

Hours: 7

## Course Content

### Course Description:

In this course, you will cover Building Information Modeling (BIM), an approach to the entire building life cycle. Autodesk Revit is a powerful BIM program for architecture, MEP, and structure 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 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 course contains practices that are specific to each discipline.

### Course Objectives:

Upon successful completion of this course, students will be able to:

- 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:

You should be comfortable with the fundamentals of the Autodesk Revit software, as found in the Autodesk Revit: Fundamentals for Architecture, Autodesk Revit: Fundamentals for Structure, or Autodesk Revit: Fundamentals for MEP courses. Knowledge of basic techniques is assumed, such as creating standard elements, copying and moving elements, and creating and working with views. Information on Collaboration Tools, Conceptual Design, and Site and Structural Design is covered in other courses.



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## Topics:

### Lesson 1: Creating Custom Templates

- Preparing Project Templates
- Customizing Annotation Types
- Creating Title Blocks
- Setting Up View Filters
- Creating and Applying View Templates

### Lesson 2: Creating Schedules

- Schedules
- Modifying Schedule Appearance
- Additional Schedule Types
- Advanced Schedule Options
- Working with Project Parameters
- Importing and Exporting Schedules

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