

Technical Education Services

Autodesk® Revit® BIM Management: Template and Family Creation



Building Information Modeling (BIM) is an approach to the entire building life cycle. Autodesk® Revit® Architecture, Autodesk® Revit® MEP, and Autodesk® Revit® Structure are powerful BIM programs that support 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 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 Family Creation training course is to enable students who have worked with the software to expand their knowledge in setting up office standards with templates that include annotation styles, preset views, sheets, and schedules, as well as creating custom element types and families. The training course can be taught in any one or a mix of all of the software programs using practices specific to each discipline.

Students will learn how to:

- Create custom templates with annotation styles, title blocks, and custom element types
- Create schedules, including material takeoff schedules with formulas
- Create custom wall, roof, and floor types as well as MEP system families
- Create specific families, including, in-place families, profiles, annotation, and shared parameters
- Set up a family file
- Create family geometry
- Create family types

For the current course
schedule and to register
for this course:

Web: redstack.com.au

Phone: 1300 667 263



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The training course also includes additional discipline-specific practices for families including doors, windows, railings, pipe fittings, light fixtures, gusset plates, and built-up columns.

Information about creating object styles, fill patterns, and materials as well as some basic User Interface customization is included in the Appendix.

Prerequisites:

Students should be comfortable with the fundamentals of the Autodesk® Revit® software as taught in the Autodesk Revit Architecture Fundamentals, Autodesk Revit Structure Fundamentals, or Autodesk Revit MEP Fundamentals training guide. Knowledge of basic techniques is assumed, such as creating standard element, copying and moving elements, and creating and working with views, etc.

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Autodesk Revit Certified Professional in Architectural Design Exam Objectives

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Cancellation Policy

The following cancellation policy shall apply to all training and consulting engagements including customised training solutions:

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