



# Revit® BIM Management Template & Family Creation

Building Information Modeling (BIM) is an approach to the entire building life cycle. Autodesk® Revit® for Architecture, MEP, and Structure 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 Family Creation class 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, and schedules, as well as creating custom system, in-place, and component families.

This course contains practices that are specific to each discipline.

## COURSE OF FOCUS:

- 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
- Set up a component family file with a parametric framework
- Create family geometry
- Create family types
- Modify the visibility of components and incorporate additional family items such as controls, MEP connectors, and nested components
- Create specific families, including in-place families, profiles, annotations, and parameters

The learning guide also contains discipline-specific practices for families, including: doors, windows, railings, pipe fittings, light fixtures, gusset plates, and built-up columns.

## PREREQUISITES:

- 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.

### Additional Information:

- Instructor Led Training
- 2 Days, 8:30 am – 4:30 pm

### Authorized Training Center:

1128 Roosevelt Avenue  
Suite 100  
York, PA 17404

### Customized and on-site training available upon request.

To request a training, contact a Print-O-Stat specialist by phone at 1-844-435-7479 or email [software@printostat.com](mailto:software@printostat.com).