

Revit 2012 - BIM Management

Total Hours: 8

Building Information Modeling (BIM) is an approach to the entire building life cycle. Revit 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 elements. Having this in place makes the process of any new project flow smoothly and efficiently.

The objective of the *Revit 2012 BIM Management* course is to enable students who have worked with Revit 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.

Topics include:

- Create custom templates with annotation styles, title blocks, and custom element styles
- Create schedules, including material takeoff schedules with formulas
- Create custom wall, roof, and floor types
- Set up a family file
- Create family geometry
- Create family types
- Create standard and custom stairs
- Create specific families, including custom doors and windows, in-place families, profiles, railings, and shared parameters

Prerequisites:

Students should be comfortable with the fundamentals of Revit as taught in the *Revit 2012 Fundamentals* course. Knowledge of basic techniques is assumed, such as creating walls, roofs, and other objects, copying and moving objects, and creating and working with views, etc.

Manual: Total number of pages: **252**