

Revit® Architecture

Site and Structural Design

This class is designed to be one day and focuses on adding basic site information and structural components to a Revit model. Students should be comfortable with the fundamentals of Revit as taught in the Revit Architecture 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.

Learning Objective

The objective of the Revit Architecture Site and Structural Design training is to enable students to create topographic surfaces for site work and to add structural elements such as beams and beam systems.

Course Outline

- ✓ **Site Design**
 - Preparing a Project for Site Design
 - Creating Topographical Surfaces
 - Adding Property Lines and Building Pads
 - Modifying Toposurfaces
 - Annotating Site Plans
 - Adding Site Components
 - Working with Shared Positioning

- ✓ **Structural Tools**
 - Structural Basics
 - Creating Foundations
 - Modeling Structural Framing

The instructor may vary the topics and outline depending on the students participating in the class or other situations.