



Site and Structural Design

1 Day Training Class \$400.00 - Topics include:

- Create topographic surfaces
- Add property lines and building pads
- Modify toposurfaces with subregions, splitting surfaces and grading the regions
- Annotate site plans and add site components
- Work with Shared Coordinates

The main purpose of the Autodesk® Revit® Architecture software is to design buildings: walls, doors, floors, roofs, and stairs. However, architects also frequently need to add site and structural information. This training guide covers the elements and tools in the Autodesk Revit Architecture software that are used to create topographic surfaces for site work and to add structural elements.

Outline:

For Site, students learn how to: Chapter 1 Site Design

- Creating Topographical Surfaces
- Property Lines and Building Pads
- Modifying Toposurfaces
- Annotating Site Plans
- Site Components
- Shared Positioning

For Structural, students learn how to: Chapter 2 Structural Tools

- Structural Basics
 - Foundation Plans
 - Framing Plans and Beams
 - Framing Elevations and Braces
 - Coordinating across Disciplines
 - Check Interferences
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Prerequisites:

Students who enroll in this course should be comfortable with the fundamentals of the Autodesk Revit Architecture software as taught in the Autodesk Revit Architecture Fundamentals training guide and have knowledge of basic techniques.

Information on the Autodesk® Revit® Structure software, which is optimized for structural engineering, is covered in a separate training guide.