AUTODESK
Authorized Training Center

Duration: 1 Day

Prerequisites:

- Students who purchase this training guide 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 taught in this guide.

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

Course Outline

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. The Autodesk® Revit® 2016 Architecture: Site and Structural Design training guide covers the elements and tools that are used to create topographic surfaces for site work and add structural elements.

The main topics covered include:

Site Topics Covered:

- 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

Structural Topics Covered:

- Create structural grids and add columns

- Add foundation walls and footings

- Add beams and beam systems

- Create framing elevations and add braces