



REVIT ARCHITECTURE – SITE AND STRUCTURAL DESIGN

COURSE DESCRIPTION

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 2015 Architecture: Site and Structural Design training course covers the elements and tools that are used to create topographic surfaces for site work and add structural elements.

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
- Create structural grids and add columns
- Add foundation walls and footings
- Add beams and beam systems
- Create framing elevations and add braces

COURSE DURATION

1 days

PRE-REQUISITES

Students should be comfortable with the fundamentals of the Autodesk Revit Architecture software as taught in the Autodesk Revit Architecture Fundamentals course 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 course.