

RA204: Site and Structural Design for Revit Architecture

Course Length	1 day
Schedule	9:00am – 4:00pm
AIA CEUs or PDHs <small>*where applicable</small>	7
Price	\$495 per person

Designed for

This course is designed for experienced Revit users who wish to expand beyond their basic skills into more advanced Revit functionality.

Prerequisites

Students should be comfortable with the fundamentals of the architecture tools in Revit as taught in the *RA101: Revit Architecture 1 - Fundamentals* course. Knowledge of basic techniques is assumed, such as creating standard elements, copying and moving elements, creating and working with views, etc.

What you get

Students will get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge to get to the next level with the architecture tools in Revit.

Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

Training Center Locations

Watertown, MA	Hauppauge, NY
Meriden, CT	Albany, NY
Portland, ME	Roanoke, VA
Greenville, PA	Chattanooga, TN

Group rates and on-site training are also available.

Course Plan

The main purpose of the architectural tools in Revit are to design buildings: walls, doors, floors, roofs, and stairs. However, architects also frequently need to add site and structural information.

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

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.

For more information, please contact our main office:

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