MICROCAD
TRAINING & CONSULTING

RS101: Revit Fundamentals for Structure

Course Length 3 days

Schedule 9:00am – 4:00pm

AIA CEUs or PDHs 21
*where applicable

Price $1195 per person

Designed for

This course is designed for new users of Revit Structure.

Prerequisites

No previous CAD experience is necessary, however it is highly recommended that students have experience and knowledge in structural design and its terminology. It is also recommended that the student have a working knowledge of a recent version of Microsoft Windows.

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 started with the structural 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 Revit Fundamentals for Structure course has been designed to teach the concepts and principles of creating 3D parametric models of structural buildings from engineering design through construction documentation.

This course is intended to introduce you to the user interface and the basic building components of the software that makes Revit a powerful and flexible structural modeling tool. The goal is to familiarize you with the tools required to create, modify, analyze, and document a parametric model. The examples and practices are designed to take you through the basics of a full structural project, from linking in an architectural model, to construction documents.

Topics Covered

- Introduction to the Revit software
- Basic drawing and editing tools
- Setting up levels and grids
- Working with views
- Starting a structural project based on a linked architectural model
- Adding structural columns and walls
- Adding foundations and structural slabs
- Structural reinforcement
- Beams, trusses, and framing systems
- Analytical models and placing loads
- Project practices to reinforce learning
- Construction documents
- Detailing and Scheduling

For more information, please contact our main office:

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