

Revit STRUCTURE - Fundamentals

Total Hours: 24

To take full advantage of Building Information Modeling, this Revit Structure Fundamentals training course has been designed to teach the concepts and principles from building design through construction documentation.

This training course is intended to introduce students to the software's user interface and the basic building components that make Revit Structure a powerful and flexible structural modeling tool. Our goal is to familiarize you with the tools necessary to create, document, and print your parametric model. The training guide includes examples and practices designed to reflect as many different building types as possible.

Topics include:

- Introduction to the Autodesk Revit Structure software
- Basic drawing and editing tools
- Setting up levels and grids
- Working with views
- Editing elements
- Modifying commands
- Starting a structural project using architectural underlays
- Adding structural columns and walls
- Adding foundations and structural slabs
- Structural reinforcement
- Beams, trusses, and framing systems
- Bracing Frames
- Floors, shafts, and stairs
- Analytical models and placing loads
- Annotating, Detailing, and Scheduling

Prerequisites:

This course introduces the fundamental skills in learning Revit Structure. It is highly recommended that students have experience and knowledge in structural design and its terminology.

Training Manual: 638 pages



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www.cadtechseminars.com

P.O. Box 2266
Mandeville, LA 70471
1-800-454-4054
985-674-0234
fax 866-764-6605
www.cadtechseminars.com