Autodesk Revit Structure Essentials Training Course

3 Day Course

Who Should Attend?

The course is for new Autodesk Revit Structure users or other Autodesk software users who want to learn the essential elements of Autodesk Revit Structure.

No previous CAD experience is necessary. However, architectural design, drafting or engineering experience is highly recommended. Delegates must have a working knowledge of Microsoft Windows.

Objectives

The primary objective of this course is to teach delegates the concepts of Building Information Modelling and introduce the tools for parametric design, analysis and documentation using Revit Structure.

This course offers both imperial and metric hands-on exercises representing real-world design scenarios.

Agenda

This course covers the basics of Revit Structure from schematic design through construction documentation.

Note: We normally train on the latest version.

Agenda Topics:

- Building Information Modeling
- User Interface and Common Tools
- Viewing the Building Model
- Working with Building Elements
- Starting a Project
- Working with Levels
- Working with Grids and Structural Columns
- Working with Structural Walls
- Creating Sections, Elevations and Callouts
- Working with Tags and Legends
- Working with Dimensions, Text, and Symbols
- Working with Schedules

- Floor Framing
- Working with Roofs and Structural Steel Frames
- Working with Sloped Beams and Floor Decks
- Working with Foundations, Slabs, Footings and Ground Beams
- Working with Slabs
- Creating Stairs, Ramps and Elevator/Lift Pits
- Introduction to the Analytical Model
- Working with Reinforced Concrete and Steel Details
- Working with Sheets
- Working with 3D Views
- Publishing Sheets

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- Working with Structural Wall Sections and Details
- Importing Typical DWG Details
- Exporting Content

The above may be varied to suit customer preferences and requirements.

Qualifications

On completion of the course, you will be presented with an Autodesk Authorised Training Certificate.

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