Revit® Structure New User Training

3-day class

The Revit® Structure New User course introduces you to the basic building components of the software. The goal is to familiarize you with the tools required to create, modify, and document a parametric structural model. The examples and practices are designed to take you through a structural project from linking an architectural model through construction documentation.

- Introduction to Revit®
  - BIM and Revit®
  - Overview of the Interface
  - Opening and Saving Projects
  - Viewing Commands

- Starting a Structural Project
  - Selecting a Project Template
  - Linking and Importing Files
  - Linking in Revit® Models
  - Modifying Imported/Linked Files
  - Setting Up Levels
  - Creating Grids

- Working with Views
  - Understanding the Project Browser
  - Duplicating Views
  - Modify How the View Displays
  - Adding Callout Views
  - Creating Elevations and Sections

- Revit® Families
  - About Revit® Families
  - Loading Components
  - Modifying Components
  - Creating Additional Family Types in a Project

- Basic Sketching and Modify Tools
  - Adding General Model Elements
  - Working with Basic Modify Tools
  - Working with Additional Modify Tools

- Adding Columns
  - Adding Columns
  - Adding Isolated Footings
  - Copying and Monitoring Elements
  - Coordinating Linked Models

- Foundations
  - Modeling Walls
  - Modifying Walls
  - Adding Wall Footings
  - Adding Isolated Footings

- Structural Framing
  - Modeling Structural Framing
  - Modifying Structural Framing
  - Adding Trusses

- Adding Structural Slabs
  - Modifying Structural Slabs
  - Creating Shaft Openings

- Structural Reinforcement
  - Adding and Modifying Rebar
  - Reinforcing Walls, Floors and Slabs

- Creating Construction Documents
  - Setting up Sheets
  - Placing and Modifying Views on Sheets
  - Swapping Views on a Sheet
  - Modifying Views and View Titles
  - Printing Sheets

- Working with Annotations
  - Dimensions and Text
  - Adding Detail Lines and Symbols
  - Creating Legends

- Adding Tags and Schedules
  - Adding Tags
  - Working with Schedules
  - Graphical Column Schedules

- Creating Details
  - Setting Up Detail Views
  - Adding Detail Components
  - Annotating Details