

Revit Structure Advanced

Course | 3 days *

Class Hours | 8:30am - 4:30pm



Revit Structure Advanced covers a wide range of advanced topics which build on concepts introduced in the Autodesk Revit Structure Essentials course. You will learn about creating and working with families, creating detail components, using worksets, and collaborating on projects with other design professionals.

Prerequisite: Revit Structure Essentials Course, Basic knowledge of Windows Operating System, drafting techniques, and computer keyboard skills.



Autodesk
Authorized Training Center

Visit mwcad.com for a complete class schedule or call us at 800-279-3221.

*The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.

What students are saying about our courses:

“The training course was perfect. The instructor did a great job in showing us short cuts in the software that I wasn’t aware of and that should be very beneficial for upcoming projects. It was exactly what I needed to advance my understanding of Revit. Everyone did a great job!”

- Don VenJohn,
Gossen Livingston

Working with Detail Components and Managing Details

- Creating 2D Detail Components
- Working with Detail Groups
- Managing a Library of Typical Details

Working Rebar

- Adding 3D Rebar to Beams and Columns
- Working with Reinforcements

Working with Families

- Creating a Slab on Metal Deck
- Creating a Precast Hollow Core Slab
- Creating a Tapered Moment Frame
- Creating a 3D Gusset Plate
- Adding Steel Stiffeners
- Creating a Stepped Footing

Creating Trusses

- Modifying Bar Joist Families
- Working with Trusses

Exploring Analytical Tools

- Working with the Analytical Models
- Adjusting an Analytical Model
- Checking for Analytical Consistencies
- Adding & Modifying Boundary Conditions
- Analyzing & Updating the Model with Robot Millennium, RISA, ADAPT & ETABS

Working with Clients & Consultants Using DWG Files

- Importing & Exporting to AutoCAD
- Importing & Exporting Data to AutoCAD Architecture

Working with Clients and Consultants Using Revit Architecture

- Linking Revit Models
- Coordinating and Monitoring Changes
- Checking & Fixing Interference Conditions

Multi-User Worksharing

- Creating and Using Worksets
- Managing Worksets

Sharing Your Design Using DWF

- Publish Revit Structure Files to DWF
- Working with DWF Markup Files

Importing and Exporting Data with IFC Format

- Importing & Exporting Data Using the IFC Format