

Revit Structure



- **Introduction to Revit**

- Interface
- Working with a Project
- Navigation between views

- **Setting up Levels and Grids**

- Creating Levels
- Placing Grid Lines

- **Working with Views**

- Creating Elevations
- Creating Sections
- Creating Callouts

- **Editing Elements**

- Selecting Elements for Editing
- Working with Temporary Dimensions

- **Modifying Objects**

- Basics: Move, Copy, Rotate, Array and Mirror
- Advanced: Align, Split, Offset, Trim and Extend

- **Creating an Architectural Underlay**

- Working with Architectural Underlays
- Importing and Linking CAD Files

- Linking Revit Projects
- Copying and Monitoring Elements

- **Adding Columns and Walls**
 - Placing Structural and Slanted Structural Columns
 - Drawing and Modifying Walls

- **Adding Foundations**
 - Strip Footings
 - Step and Spread Footings
 - Piers and Pilasters
 - Structural Slabs

- **Structural Reinforcement**
 - Cover Depth
 - Adding Rebar
 - Area and path reinforcement

- **Beams and Framing systems**
 - Adding Beams and Beam Systems
 - Modifying Beams
 - Labeling Framing

- **Brace Frames**
 - Framing Elevations
 - Adding Bracing

- **Floors, Shafts and Stairs**
 - Creating Floor Systems
 - Creating and Framing Shaft Openings
 - Understanding Stairs and Ramps



- **Annotation**

- Selecting Elements for Editing
- Working with Temporary Dimensions

- **Detailing**

- Setting Up Detail Views
- Creating Details
- Annotating Details
- Patterning

- **Scheduling**

- Column Schedules
- Modifying Schedules
- Other Schedules
- Legend Views

- **Sheets and Revisions**

- Creating Sheets
- Placing and Modifying Views
- Adding Revisions
- Printing Sheets