Revit Architecture New User Training

3-day class

The Revit Architecture New User course covers the core topics for working with the Revit Architecture software. You will learn how to use Revit Architecture as you would work with it in the design process, from preliminary design through design development and into construction documentation. Students will also gain an understanding of Building Information Modeling (BIM) and how to apply that with the Revit software.

- **Introduction to BIM and Revit Architecture**
  - Workflow & Building Information Modeling
  - Standard Terms and Interface Overview
  - Starting Projects and Viewing Commands

- **Basic Sketching and Modify Tools**
  - General Sketching Tools
  - Modifying Tools and Editing Elements

- **Setting Up Levels and Grids**
  - Creating Construction Grids
  - Adding Columns
  - Linking and Importing CAD Files

- **Modeling Walls**
  - Creating and Modifying Walls
  - Editing Tools

- **Working with Doors and Windows**
  - Inserting Doors and Windows
  - Loading Door & Windows from Libraries
  - Creating Additional Door & Windows sizes

- **Working with Curtain Walls**
  - Create Curtain Walls & Store Fronts
  - Adding Curtain Wall Grids
  - Working with Curtain Wall Panels
  - Attaching Mullions to Curtain Walls

- **Working with Views**
  - Setting the View Display
  - Duplicating Views
  - Adding Callout Views
  - Creating Elevations & Sections

- **Components; Adding & Modifying**

- **Working with Floors**
  - Modeling Floors
  - Creating Shaft Openings
  - Creating Sloped Floors

- **Modeling Ceiling Plans**
  - Sketching Ceilings and Modifying Ceiling
  - Adding Ceiling Fixtures
  - Creating Ceiling Soffits

- **Modeling Roofs**
  - Roofs by Footprint
  - Establishing Reference Planes
  - Creating Roofs by Extrusion

- **Modeling Stairs, Railings and Ramps**
  - Creating Component Stairs
  - Modify Component Stair
  - Working with Ramps & Railings

- **Creating Construction Documents**
  - Setting up Sheets
  - Placing & Modifying Views on Sheets
  - Printing Sheets
  - Working with Text and Dimensions
  - Creating Legends

- **Tags and Schedules**
  - Adding Tags
  - Working with Schedules

- **Creating Details**
  - Detail Views & Annotating Details
  - Keynoting & Keynote Legends

- **Introduction to Worksets & Additional Tools**