

Revit

Syllabus



INTRODUCTION TO AUTODESK REVIT ARCHITECTURE

- ✓ User Interface Tour.
- ✓ Browsers, Bars, Palettes and Windows.

STARTING AN ARCHITECTURAL PROJECT

- ✓ Starting a New Architectural Project.
- ✓ Navigation Tools.

CREATING WALLS

- ✓ Creating Architectural Walls.

USING BASIC BUILDING COMPONENTS-I

- ✓ Adding Doors
- ✓ Adding Windows and Wall Openings

USING THE EDITING TOOLS

- ✓ Editing Tools
- ✓ Grouping Elements

WORKING WITH DATUM PLANES AND CREATING STANDARD VIEWS

- ✓ Working with Levels
- ✓ Working with Grids
- ✓ Working with Reference Planes and Work Planes

- ✓ Controlling the Display of Elements
- ✓ Working with Project Views

USING BASIC BUILDING COMPONENTS-II

- ✓ Creating Floors
- ✓ Adding Rooms
- ✓ Shape Editing Tools
- ✓ Creating Roofs
- ✓ Creating Ceilings

USING BASIC BUILDING COMPONENTS-III

- ✓ Working with Components
- ✓ Adding Railings and Ramps
- ✓ Adding Stairs
- ✓ Creating Curtain Walls

ADDING SITE FEATURES

- ✓ Working With Site Features
- ✓ Property Lines and Building Pads
- ✓ Adding Site Components





USING MASSING TOOLS

- ✓ Understanding Massing Concepts
- ✓ Creating Massing Geometry in the Family Editor.
- ✓ Editing Massing Geometry in the Family Editor
- ✓ Creating Massing Geometry in a Project
- ✓ Creating Building Elements from Massing Geometry
- ✓ Creating Families

ADDING ANNOTATIONS AND DIMENSIONS

- ✓ Adding Tags
- ✓ Room Tags
- ✓ Keynotes
- ✓ Adding Symbols and Dimensions
- ✓ Dimensioning Terminology and Dimensioning Tools
- ✓ Adding Alternate Dimension Units and Spot Dimensions

CREATING PROJECT DETAILS AND SCHEDULES

- ✓ Project Detailing in Autodesk Revit Architecture
- ✓ Crop Regions, Fills Patterns, and Detail Components
- ✓ Adding Text Notes

- ✓ Creating Drafting Views
- ✓ Revision Clouds
- ✓ Working with Schedules

CREATING DRAWING SHEETS, AND PLOTTING

- ✓ Creating Drawing Sheets
- ✓ Creating Duplicate Dependent Views
- ✓ Printing in Revit Architecture

CREATING 3D VIEWS

- ✓ Three Dimensional (3D)Views
- ✓ Dynamically Viewing Models with Navigation Tools
- ✓ Orienting a 3D View
- ✓ Using a Section Box

RENDERING VIEWS AND CREATING WALKTHROUGHS

- ✓ Rendering in Revit Architecture
- ✓ Working with Materials
- ✓ Lights, Decals and Entourage
- ✓ Rendering Settings
- ✓ Creating a Walkthrough

