REVIT ARCHITECTURE 2016

Duration   : 4 Days

Course Outline:

Day 1

Module 1: Overview and Basic Drawing Tools
- Revit Interface
- Viewing Commands
- General Drawing Tools
- Editing Revit Elements
- Modifying Tools
- Starting Projects
- Levels and Grids

Module 2: Drawing Basic Building Elements
- Drawing and Modifying Walls
- Drawing Architectural Columns
- Doors and Windows
- Floors
- Ceilings

Module 3: Drawing Vertical Circulation
- Managing Work Folders
- Creating Standard and Custom Stairs
- Railings
- Drawing Shaft
- Ramps

Day 2

Module 4: Roof Elements
- Creating Roofs by Footprint Railings
- Creating Roofs by Extrusion

Module 10: Massing Studies
- Mass Elements
- Mass modification
- From Massing to Building

- Cleaning Up Wall and Roof Intersections
- Roof Fascia and Gutter

Module 5: Curtain Wall
- Drawing Curtain Wall
- Curtain Grids and Mullions
- Working with Curtain Wall Panels
- Loading Families into projects
- Profile Family

Module 6: Custom Elements
- Customizing Wall and Floor Structure
- Wall Sweep and Reveal
- Wall profile

Module 7: Site Works
- Creating Topographical Surfaces
- Property Lines and Building Pads
- Annotating Site Plans

Day 3

Module 8: Family Concepts & Techniques
- Doors and Windows
- In-Place Families
- Creating Profiles

Module 9: Creating Specific Families
- Interference Checking
- Clash Report

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Day 4

Module 11: Annotation
- Working with Text
- Detail Lines and Symbols
- Setting Line Style
- Working with Dimensions

Module 12: Tags and Schedule
- Tagging element
- Working with Schedules
- Material Take-Off

Module 13: Construction Documents
- Working with Text
- Setting Up Sheets
- Creating Titleblocks
- Placing and Modifying Views on Sheets
- Printing Sheets

Module 14: Visualization
- Materials settings
- Solar Studies
- Renderings