Autodesk Revit Architecture Essentials

3 Day Course

> Building Design

> Objective of Course

The primary objective of this course is to teach delegates the concepts of Building Information Modeling and introduce the tools for parametric building design and documentation using Revit Architecture.

> Agenda

This course covers the basics of Revit Architecture, from schematic design through construction documentation. Delegates are introduced to the concepts of Building Information Modeling and the tools for parametric building design and documentation.

During the course delegates will cover:

Day 1
- Building Information Modeling
- Exploring the User Interface
- Working with Revit Elements and Families
- Creating a Basic Floor Plan
- Creating and Modifying Levels
- Working with Grids
- Adding and Modifying Walls
- Working with Compound and Vertically Compound Walls
- Using Editing Commands to Add Walls
- Adding and Modifying Doors and Windows
- Loading Additional Building Components
- Adding and Modifying Component Families

Day 2
- Managing Views
- Controlling Object Visibility
- Creating and Modifying Section and Elevation Views
- Creating and Modifying 3D Views
- Placing Dimensions and Tags
- Applying and Removing Constraints
- Developing the Building Model
- Creating and Modifying Floors
- Adding and Modifying Ceilings
- Adding and Modifying Roofs
- Adding Curtain Walls
- Creating Stairs and Railings

Day 3
- Creating Callout Views
- Working with Detailed and Drafting Views
- Working with Drafting Views
- Construction Documentation
- Creating and Modifying Schedules
- Creating Rooms and Room Schedules
- Creating Legends and Keynotes
- Presenting the Building Model
- Working with Drawing and Printing Sheets
- Managing Revisions
- Working with Titleblocks
- Creating Renderings
- Using Sun and Shadow Settings
- Using Walkthrough Technique

The above may be varied to suit client's preferences and requirements

> Who Should Attend?

New Autodesk Revit Architecture users or other Autodesk software users who want to learn essential elements of Autodesk Revit Architecture.

> Prerequisites

No previous CAD experience is necessary. However, architectural design, drafting or engineering experience is highly recommended. It is recommended that delegates have a working knowledge of Microsoft Windows 7, 8.x or 10.