

Autodesk Revit Architecture

Course Description

Duration – 2 Days

Who should attend?

This Revit Architecture Essentials Training Course is designed for new users who wish to gain the skills necessary to complete projects using Autodesk Revit Architecture software.

No previous CAD training is required but participants should ideally have some level of experience in drafting, design or engineering.

Learning Objectives:

Learn the concepts of Building Information Modelling (BIM) and get an introduction to the tools for parametric building design and documentation using Revit Architecture.

Course Requirements:

- Working knowledge of Microsoft Windows 7 or 8 and 10.
- Draughting & Design Experience is a plus

• Day 1

- ❖ **Revit's User Interface**
 - User Interface
 - Menus and Layout
- ❖ **BIM Model Setup**
 - Coordinates
 - Levels
 - Grids
- ❖ **Work with System Families**
 - Create Walls
 - Create Floors
- ❖ **Work with Loadable Families**
 - Add Loadable Families
 - Edit Family Types
- ❖ **Work in a Multi-Storey Environment**
 - Create Openings
 - Add Stairs, Roofs and Ceilings
 - Create Rooms
- ❖ **Populate an Architectural Model with Furniture and Equipment**
 - Add Furniture
 - Add Lights
 - Add Room Devices and Elements
 - Apply Materials and Finishes
- ❖ **Legends and Keyplan**
 - Create a Legend
 - Import an Autocad Legend
 - Create a Keyplan
- ❖ **Schedules**
 - Add a Schedule
 - Edit, Format and Sort a Schedule

• Day 2

- ❖ **Work with Sheets**
 - Create New Sheets
 - Add Views to Sheets
 - Edit Title Block Fields
- ❖ **Work with Detailed Views**
 - Create Callouts and add Detailing
- ❖ **Create Visualizations**
 - Create a Render Scene
- ❖ **Topography and Site Elements**
 - Add a Topography
 - Add a Building Pad
 - Add Parking and Planting Elements
- ❖ **Room Legends**
 - Create and Edit a Room Legend Scheme
- ❖ **Sun and Shadow Settings**
 - Sun and Shadow Settings
- ❖ **Model Walkthrough**
 - Model Walkthrough
- ❖ **Revision Management**
 - Adding Revisions
 - Add a Revision Schedule
 - Add Revision Clouds
- ❖ **Titleblocks**
 - Create a Titleblock
 - Add a Revision Schedule
 - Load and Use a Titleblock
 - Create a Sheet List