Revit Architecture
ESSENTIALS

Course Duration: 16 Hours

Overview:

This course is recommended for architectural students, engineers and other industry-related professionals.

Learning Objectives:

- Create a full 3D architectural project model including walls, doors, windows, components, floors, ceilings, roofs, stairs, the basic tools that the majority of architectural users need.
- Be familiar with the user interface.
- Use the basic drawing, editing, and viewing tools.
- Create construction documents.

Prerequisites:

It is recommended that the student has a working knowledge in architecture and are familiar with the latest versions of Microsoft Windows operating systems.

Acquisition:

Trainees will get a training manual and an industry recognized Certificate of Completion.

Notes:

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the trainees.

Course Description:

This introductory level course will give the students a high-level of understanding of the main productivity tools and workflows of Autodesk Revit Architecture for architectural design. During this session, the trainee will have a hands-on opportunity to know the capabilities and benefits of the architectural workflow.

Topics Covered:

Introduction
- Understanding the Basics
- What is Revit?
- What is meant by Parametric?
- Understanding Revit Terms
- Revit User Interface

Creating a Project
- Create a Project
- Name and save the project file
- Zoom to a view
- Rename Levels
- Create levels in the building

Modeling in Revit
- Create Walls
- Creating Terrain
- Adding exterior walls
- Adding a roof
- Adding floors
- Adding interior walls
- Adding doors

Continuation of Modeling in Revit
- Adding windows
- Adding a curtain wall
- Attaching walls to the roof
- Modifying the entry deck
- Adding a sloped floor

Continuation of Modeling in Revit
- Adding stairs and railings
- Documenting the Project
- Creating a solar study
- Creating a sheet

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