
Revit – Fundamentals

Description

This training introduces the different features and main concepts of Revit Architecture and will allow participants to produce computer documents for your projects.

Niveau

Fondamental

Course Content

Module 1: Software Features

- Centralization of the project
- Object orientation without a layer
- The different categories of objects in the software
- Representation of objects
- Visualization of the architectural model
- Relationship between different objects
- Definition of objects
- Coordinate system
- File types

Module 2: Working method

- Sketch, representations, drawing
- Importing files (DWG, DWF, IFC ...)
- Exporting files (DWG, DWF, IFC ...)
- Copy of objects

Module 3: Drawing Settings

- Unit control
- The definition of the scale
- Representation of objects
- Line thickness control
- Controlling the visibility of objects
- Hanging on objects
- Determine the height of the cutting plane

Module 4: Notion on the objects of the software

- Object selection
- Positioning grids
- The roofs
- The walls
- Intersections
- Graphic according to the zoom factor
- Place a wall on a particular level
- Representation of materials in the walls
- Reverse the drawing direction of a wall

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- Cut a wall along its length
 - Create a wall in place in a drawing
 - Replace a wall style with another
 - Project the wall under a roof or under a slab
 - Fusion of geometry
 - Editing a wall seen in section
 - Wall on the edge of a slab
 - Add a profile to a wall
 - Selecting a wall style on the entire project
 - The Windows
 - Positioning tools
 - Slabs
 - Slab contour
 - Stairs
 - Ramps
 - Hopper in a slab

Module 5: Surface Management and Bills of Materials Module 6: Presentation of documents Module 7: Printing Documentation

- Digital courseware included

Participant profiles

- Architects
- Interior designers
- Building draftsmens
- Engineers

Prerequisites

- Good knowledge of the usual computer tools
- Notions of using a network are an asset

Objectives

- Use the basic tools of Revit to design an architectural project
- Manage methodically the different phases of the project
- Extract graphic documents (plans, sections, façades, perspectives)

Classroom Registration Price (CHF)

3900

Virtual Classroom Registration Price (CHF)

3650

Duration (in Days)

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Reference

REV-01