

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.

Classroom Registration Price (CHF)

3900

Virtual Classroom Registration Price (CHF)

3650

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
 - 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)

Niveau

Fondamental

Duration (in Days)

5

Reference

REV-01