

# 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.

## 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

### **Classroom Registration Price (CHF)**

3900

### **Virtual Classroom Registration Price (CHF)**

3650

### **Duration (in Days)**

5

### **Reference**

REV-01