

REVIT ARCHITECTURE

**SII-413 4 Days (28 Hours)**

Description

This training covers three different areas. During concrete projects, learners will carry out tasks including importing elements and manipulating the software. By completing the challenge in a real "workshop", participants will have had in-depth guided practice of the skills necessary to pass the Autodesk Revit ACU exam and thus obtain official certification.

Who is this training for ?

For whom

Architects, project managers, operation managers, construction economists, surveyors, technicians, engineers and design office managers, developers, operators, BIM managers.

Prerequisites

Good knowledge of a graphical operating system.

Training objectives

- Understand what BIM is
- Discover the graphical interface, workspace and help of Revit Architecture
- Model a building
- Manage a project while respecting the BIM charter and conventions

Training program

Présentation de Revit

- Work environment

Préparation du projet

- Library
- Preparing the project file

Gabarit de projet

- Single template or several templates?
- Creating a template
- Managing and updating a template
- Using a template

Implantation et topographie

- Location of the project in relation to a surveyor's plan
- Location of the project in relation to a cadastral plan
- Definition of the geographical location
- Project environment

Modélisation du projet architectural

- Create roofs
- Create stairs and landings
- Create and modify floors
- Add rooms
- Move /copy / align / synthesize elements
- Create an element network (parametric family initiation)
- Insertion of objects from a typical cloud: BIM&CO

Vérification de la conception

- Verification of regulatory constraints
- First model rendering
- Sunlight study
- Technical lots: structure and fluids
- Landscaping project and exterior arrangements

Vérifications et annotations, nomenclature

- Annotation elements
- Nomenclature
- Result study

Exploitation de la modélisation pour les partenaires

- Sheet Reviews and Reviews
- Quantitative
- Sample Sheets
- Drawing Update in Revit

Préparation des vues

- Change the view scale
- Change the level of detail
- Identify the cutting plane of a view
- Use levels
- Create view plans
- Create sections and elevation views
- Create 3D views
- Create floor views drawing

Mises en page et impression

- Sheets and views
- Cartridge
- Print settings
- Sheet organization