



## REVIT ARCHITECTURE

**Who should attend?** New users of Revit

### Course Objectives

- The course will provide learners with a solid grounding in Building Information Modelling (BIM) using Autodesk's Revit. Throughout the course, candidates will be shown how to set up a Revit project and create a 3D architectural model, complete with associated documentation. As part of the creation of the 3D model, you will be able to achieve a realistic architectural visualisation of the completed project.

## COURSE OUTLINE

**10 HOURS (5 DAYS, 2 HOUR SESSIONS)**

### Revit User Interface

- Revit User Interface
- Application Menu & Quick Access Toolbar (QAT)
- Options Bar & Info centre
- Properties Palette & Project Browser
- View Control Bar
- View Cube

### BIM Model Setup

- Inserting an AutoCAD file and acquiring co-ordinates
- Setting up Levels
- Setting up Grids

### Work with System Families

- Create Walls
- Create Floors
- Internal Walls

### Work with loadable families

- Columns
- Doors
- Windows
- Curtain walls & curtain wall elements

### Work in a Multi-Story Environment

- Add a ceiling
- Create rooms
- Add foundations for walls and columns

### Populate an Architectural Model with Furniture and Equipment

- Add furniture
- Add ceiling lights
- Add room devices and elements
- Apply materials and finishes

### Legends & Key Plans

- Create a Legend
- Import an AutoCAD legend
- Ass a Key Plan to the model

### Schedules

- Create a schedule
- Edit, format and sort a schedule

### Work with sheets

- Create new sheets
- Add views to sheets
- Edit Title Block Fields

### Create Visualisations

- Create render scene

### Topography & Site Elements

- Add a topography
- Add a building pad
- Add sub regions
- Add parking components
- Add planting

### Model Walkthroughs

- Create Walkthroughs

### Titleblocks

- Create a titleblock
- Add a revision schedule
- Load and use a titleblock
- Create a sheet list

### Design Options

- Create a design option

To enrol call **061919009** or book online <https://www.symetri.ie/courses/?s=courses>

## COURSE INFORMATION

- The course is broken down into 5 sessions, each session is two hours long
- To complete this course, you will need to attend all sessions. Training sessions will not be recorded.
- Participants must have the full version of Revit software installed on their laptop
- Candidates are required to have the European version of Autodesk software with the metric system installed
- Pre-payment is required
- Morning class will run from 10am – 12pm and the afternoon class will run from 2pm – 4pm
- Candidates will receive a Certificate of Completion from Autodesk
- Candidates need two connected screens, one to view the instructor's screen and one to complete the CAD drawings alongside the instructor

**You can now claim CPD points on Revit Architecture training with us.**

**€600 per candidate for the public online training course.**

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