WORK SMARTER

REVIT MEP

Who should attend? Revit users or candidates who have completed Revit Architecture training.

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 MEP Elements, complete with associated documentation. As part of the creation of the 3D model, you will be able to achieve a realistic MEP visualisation of the completed project.

COURSE OUTLINE

Project Setup
- Preparing an architectural model
- Linking an architectural model
- Copying/Monitoring levels
- Generating Views
- View Templates
- Setting up coordinates/ coordinating linked project

Work sharing and Worksets
- Worksets
- Creating a central file
- Opening a local file
- Changing workset editing status
- Simulating a worksharing scenario
- Creating new worksets
- Moving elements onto worksets
- Controlling the visibility of worksets

Heating and coolong loads
- Defining spaces and zones
- Defining heating and cooling load settings
- Running heating and cooling load calculations

Duct (HVAC) Systems
- Placing HVAC equipment
- Creating a duct system
- Generating ducts and duct placeholders
- Using duct/pipe sizing tools

Fire Protection Systems
- Add fire Protection equipment
- Create a Fire Protection System
- Automatically generate Fire Protection Layout

Plumbing Systems
- Adding plumbing fixtures
- Transferring project standard

10 HOURS (5 DAYS, 2 HOUR SESSIONS)

- Creating a plumbing system
- Creating sloped pipework

Pipe Systems
- Adding mechanical equipment
- Creating new pipe systems
- Modifying pipework
- Adding, editing and removing insulation

Electrical Systems
- Adding electrical lighting
- fixtures, switches and electrical
- panels
- Generating a power and switch circuit and wires
- Generating Containment layouts and conduit
- Creating a panel schedule

Schedules
- Creating a schedule
- Edit, formatting and sorting a schedule
- Calculate totals

Filters
- Creating new filters
- Adding items to filters
- Controlling the visibility of filter

Detailing and Drafting
- Section, detail and drafting views
- Generating views
- Add tags, text, symbols and dimensions
- Preparing sheets

Families (Basic)
- Creating reference planes
- Adding parameter & connectors
- Adding materials and identity properties

To enrol call 061919009 or book online

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 – 12.00pm and the afternoon class will run from 2:00pm – 4.00pm
- 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 MEP training with us.

€600 per candidate for the public online training course

AUTODESK
Learning Partner