

Revit MEP Fundamentals - Virtual Training

Autodesk Revit is the leading Building Information Modelling (BIM) tool used to design, document, visualise, collaborate and simulate projects, for Building Services Engineers. Revit's BIM capability is used to streamline the design and analysis process and improve collaboration among project teams. You'll learn how to draw and modify Mechanical, Electrical and Plumbing elements in 3D using the toolsets. We will show you how to extract information from the Building Information Model to create schedules and basic take-offs. Sheet publication is covered in detail to ensure you can take your 3D models and use them to develop 2D published sheets or drawings.

Course Modules

- *Introduction to BIM and Autodesk Revit*
- *Basic Sketching and Modify Tools*
- *Starting Systems Projects*
- *Heating and Cooling Loads Analysis*
- *Basic System Tools*
- *HVAC and Plumbing Networks*
- *Electrical Systems*
- *Creating Construction Documents*
- *Annotating Construction Documents*
- *Adding Tags and Schedules*

Prerequisites

An understanding of MEP terminology is recommended. Previous CAD knowledge would be beneficial but is not essential.

A connection to our Virtual Training Room, using a Microsoft Windows based PC with a stable Internet connection with a minimum 2-4mb/s download speed.

Course Duration

This three day course is scheduled to run one day a week for three weeks. Each day will follow a similar format and is split into four training sessions. A typical day will look like this, although the times may vary depending on the course and delegates.

09:00 - Introductions or Recap, Hardware and Session Overview

09:30 - Course Module

11:00 - Break

11:30 - Course Module

13:00 - Lunch Break

14:00 - Course Module

15:30 - Break

16:00 - Course Module

17:30 - Close

Next Steps

BIM and Digital Construction Fundamentals

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