



# AUTODESK REVIT MEP

## BEGINNER TRAINING COURSE

LEVEL

01

**OFFICIAL AUTODESK TRAINING COURSE**  
TRAINED BY APPROVED INSTRUCTORS

### Course Description

This course has been designed to teach the concepts and principles of creating 3D parametric models of MEP systems from engineering design through construction documentation. We introduce delegates to the software interface and the basic HVAC, electrical, and piping / plumbing components that make the Autodesk Revit MEP software a powerful and flexible engineering modelling tool.

### Course Information

Duration:	2-3 days
Time:	9:30am – 4:30pm
Location:	T2 Train Suite or On-site training available throughout the UK
Courseware:	Autodesk manual recommended for use during the course
Qualifications:	Autodesk Authorised certificate on successful completion

Before attending this course, delegates should have a working knowledge of:

- Microsoft® Windows® XP/Vista/7
- Understanding of Architecture, and/or engineering experience.

### Course Availability

Scheduled quarterly basis and arranged as and when required.

Course topics and duration may be modified by the instructor based upon the knowledge and skill levels of the course participants.

### Book Now to Reserve Your Place!

For further information and group training dates, contact our training team by calling **01909 512193** or emailing [info@t2train.com](mailto:info@t2train.com).



**T2 Train Ltd**

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# COURSE CONTENT 2015

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### Software Introduction

- Building Information Modelling
- Overview of the Interface
- Standard Terminology
- Starting Projects
- Viewing Commands

### Drawing and Editing

- General Drawing Tools
- Editing Elements
- Basic Modifying Tools
- Helpful Editing Tools
- Linking in Architectural Projects
- Copying and Monitoring Elements
- Setting Up and Modifying Levels

### Working with Views

- Duplicating Views
- Adding Callout Views
- Setting the View Display
- Elevations and Sections

### Understanding Systems

- Creating Systems - Overview
- Connecting Components
- Duct and Pipe System Tools

### Spaces and Zones

- Creating Spaces
- Creating Zones and Colour Schemes

### Energy Analysis

- Projects for Energy Analysis
- Heating and Cooling Loads

### HVAC Systems

- Air Terminals / Mechanical Equipment
- Adding and Modifying Ductwork
- Automatic Ductwork Layouts

### Hydronic Piping Systems

- Creating Hydronic Piping Systems
- Adding Mechanical Equipment
- Automatic Piping Layouts

### Electrical Systems

- Placing Electrical Components
- Creating Electrical Circuits
- Cable Trays and Conduit
- Electrical Panel Schedules

### Plumbing Systems

- Adding / Drawing Plumbing
- Fire Protection Systems

### Scheduling and Detailing

- Setting Up Sheets
- Creating / Modifying Schedules
- Creating Details and Tags
- Patterning and Adding Revisions
- Printing Sheets



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