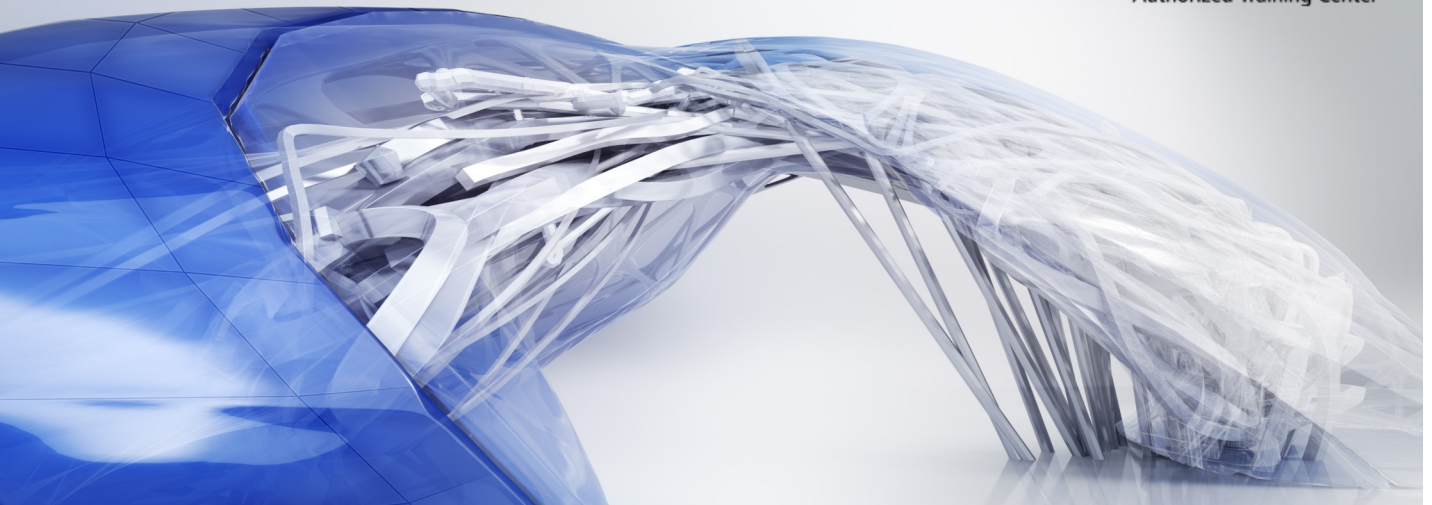


Revit MEP Essentials

Training Course Details



Course Overview

Revit MEP Essentials is a 3 day hands-on practical course that will teach the student the basic HVAC, electrical and plumbing/piping components that make Revit MEP a powerful and flexible engineering modelling tool. The objective is to familiarise students with the necessary tools to create, document and print the parametric model. Students will be taken through the basics to a full Revit MEP project from linking in an architectural model to construction documents.

Who should attend / prerequisites

This course is for new users of Revit MEP who wish to start using the program as soon as possible. Students should have knowledge of MEP engineering, its terminology and practices. Ideally you should have an understanding of other Autodesk products such as AutoCAD or an understanding of CAD concepts. You should have a reasonable understanding of Microsoft Windows.

Courseware / Certificate / Instructor

Everything we do is authorised by Autodesk—the writers of Revit MEP Software. Included in the price of your course will be:-

- An Autodesk Official Training Manual with practical exercises and supporting Revit MEP files/examples.
- An e-certificate in pdf format direct from Autodesk confirming successful completion of an Accredited Revit MEP Course.
- The instructor is an Autodesk Certified Instructor (ACI) with many years experience.

Location & Facilities

Our training facility in Colchester, Essex is an Autodesk Authorised Training Centre and has the latest Revit MEP software along with older versions if you prefer. We limit the number of attendees to a maximum of six people to ensure you have quality time with the instructor. We can provide one to one or group training at your premise anywhere in the UK.

Dates, Pricing & Discounts

Our scheduled courses are run on the second Wednesday to Friday of every odd numbered month i.e. Jan/Mar/May etc. Prices per person are £725 ex VAT. Discounts are available for multiple bookings, please ask for details.

Summary

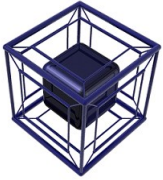
| | |
|-----------------------|----------------------------------------------|
| Level: | Beginners |
| Type: | Hand on—Practical |
| Duration: | 3 Days |
| Time: | 9:15am to 4:30pm |
| Cost: | £725 ex VAT |
| Frequency: | every two months |
| Support: | 12 Months telephone |
| Class Size: | 6 people maximum |
| Software: | Latest Version |
| Certification: | Autodesk Authorised e-certificate |
| Courseware: | Autodesk Training Guide Included |
| Location: | Colchester, Essex or on site (at extra cost) |
| Prerequisites: | See main text |

For bookings or further information
Call us on

0333 772 2025

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Essex CO1 2JS
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Revit MEP Essentials

Training Course Details



| Topics | Sub-Topics |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction to Autodesk Revit MEP | |
| Building information Modelling | Building information Modelling (BIM) |
| Revit MEP Basics | Overview of the interface Standard Terminology Starting Projects Viewing Commands |
| Basic Drawing & Editing Tools | General Drawing Tools Editing Elements Standard Modifying Tools Helpful Editing Tools |
| Starting MEP Projects | Linking in Architectural Projects Copying & Monitoring Objects Setting Up Levels |
| Working With Views | Duplicating Views Adding Callout Views Setting The View Display Creating Elevations Creating Sections Working With Ceilings |
| Understanding Revit MEP Systems | About MEP Systems Working With Components Creating Systems—Overview System Graphics Connecting Components Analysing Systems |
| Spaces and Zones | Creating Spaces Working with Spaces Creating Zones Creating Colour Schemes |
| Performance Analysis | Preparing a Project for Energy Analysis Analysing the Heating & Cooling Loads Exporting for Secondary Analysis |
| HVAC Systems | About HVAC Systems Adding Air Terminals & Mechanical Equipment Adding Ductwork Creating Duct Systems Automatic Ductwork Layouts |
| Hydronic Piping Systems | About Hydronic Piping Systems Adding Mechanical Equipment Drawing Piping Creating Hydronic Systems Automatic Piping Layouts Fire Protection Systems |
| Plumbing Systems | About Plumbing Systems Adding Plumbing Fixtures Drawing Piping for Plumbing Systems Working with Plumbing Systems |
| Electrical Systems | About Electrical Systems Placing Electrical Components Creating Electrical Circuits Cable Trays and Conduit Electrical Panel Schedules |

| Topics | Sub-Topics |
|------------------------------------------|---------------------------------------------------------------------------------------------------|
| Construction Documents Phase | |
| Construction Documents | Setting Up Sheets Placing & Modifying Views on Sheets Adding Revisions Printing Sheets |
| Annotating Construction Documents | Working with Dimensions Working With Text Adding Detail Lines & Symbols Creating Legends |
| Tags & Schedules | Adding Tags Working With Schedules Creating Schedules |
| Detailing in Autodesk Revit MEP | Setting Up Detail Views Creating Details Patterning |

Note: The instructor may add or remove topics depending upon the ability of the students attending.

The topics above are from the Official Autodesk Training Guides that may change at the discretion of Autodesk of which we have no control.

Contact Us

Give us a call on 0333 772 2025 for more information about our services and products

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Visit us on the web at www.cad-bureau.co.uk

