

Revit Level 2 Course Details

(for Architecture/MEP/Structure)

3 Day Course



Overview of these courses.

After attending one of our Revit beginners courses and you are starting to feel confident in using Revit software, you will hopefully want to learn more about the extensive capabilities that are available in Revit. It is at this stage that many of the Revit tools start becoming unique to each discipline and users are often deterred from further training as much of the content may not apply to them.

We have therefore devised a Level 2 course that users of all the three main Revit disciplines can use. It contains many of the topics from our other Revit follow on courses which are available to attend separately.

Who should attend / prerequisites

This course is for people that have attended a Revit beginners course with ourselves or another Autodesk Authorised Training Centre (ATC). It is not a refresher course for users who have forgotten this content. Other Revit users can attend but they must be current frequent users of the program.

Courseware / Certificate / Instructor

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

- An Autodesk Official Training Manual with practical exercises and supporting Revit files/examples.
- An e-certificate in pdf format direct from Autodesk confirming successful completion of an Accredited Revit 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 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

This is a custom course that is run every four months on demand. Dates can be arranged that are suitable for both parties. The training days will be sequential i.e. Wednesday to Friday and cannot be split into separate days. Prices are £750 ex VAT for each person with discounts for multiple bookings, please ask for details.

Summary

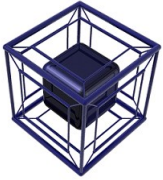
Level:	Beginners
Type:	Hand on—Practical
Duration:	3 Days
Time:	9:15am to 4:30pm
Cost:	£750 + vat
Frequency:	every four months
Support:	12 Months
Class Size:	6 people maximum
Software:	Latest Version
Certification:	Autodesk Authorised e-certificate
Courseware:	Autodesk Training Guide Included
Location:	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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Revit Level 2

Training Course Details



Topics	Sub-Topics
All topics are used in all Revit disciplines unless stated	
Parameters	<ul style="list-style-type: none"> Creating a New Shared Parameters File Creating Shared Parameters Assigning parameters Transferring Project Standards Project Parameters Applying/Using Parameters in Projects.
Browser Organisation	<ul style="list-style-type: none"> Browser tree and creating new categories. Changing appearance of the browser tree Changing default orders Customising the order Filtering and grouping the order Creating new parameters to organise the browser to your specifications.
Time Saving & Efficient View Settings	<ul style="list-style-type: none"> Scope Boxes <ul style="list-style-type: none"> Creating and applying Scope Boxes to Views, grids, levels & reference planes. Scope box visibility in views / view overrides Modifying Scope Boxes. Scope Boxes & 3D Views. Temp hide/isolate Clipping Planes Match Lines View Filters vs View Overrides vs Colour Fills View Templates Importing View Settings
Revision Notes & Tracking	<ul style="list-style-type: none"> Adding & editing a Revision Box in your Drawing Border Sheet Family. Revision Setup within the template editing/creating. Adding & controlling the revision content/display
Project Templates	<ul style="list-style-type: none"> Items to be placed/considered in a template. Customised items. Templates Locations & Organisation Template Item settings
Advanced Schedules	<ul style="list-style-type: none"> Multiple types of Schedules Importing/Exporting Schedules. Creating Schedules with custom settings/fields. Areas / calculations / totals. Schedule View Templates. Filtering Schedules Modifying Schedule Appearance (additional tips) Key Schedules Material Take Off Schedules with custom calculations. Embedded Schedules
Advanced Materials In Depth	<ul style="list-style-type: none"> Overview—Not just for appearance Materials Set Up & Editing Materials Browser Material Libraries—Loading/unloading/creating Creating New Materials Material Property/Graphic's & Appearance Assets Material Physical & Thermal Assets Custom Applications
Worksets	<ul style="list-style-type: none"> Central Model & User Set Up Concepts Setting Up & Using Worksets Borrowing Elements Workshare Monitor
Basic Customisation	<ul style="list-style-type: none"> Keyboard Shortcuts, User Interface, Double Click Options Add Ins <ul style="list-style-type: none"> Revit Family Manager Add Ins Revit Enhanced DWG Exporter Revit Model Checker & Configurator Help & Videos
COBie Extensions & BIM Interoperability Tools	<ul style="list-style-type: none"> Overview of BIM Levels, COBie, BS1192 BIM Interoperability Tools, Classification Manager COBie Extension for Revit Help & Videos.

Topics	Sub-Topics
Note: The instructor may add or remove topics depending upon the ability of the students attending, which may affect time constraints.	
Extended Visualisation Techniques (A/M/S)	<ul style="list-style-type: none"> Creating & Editing Perspective Views Advanced Graphic Display Options Visualisation Settings Exploded Views
Rendering (A/M/S)	<ul style="list-style-type: none"> Rendering Workflows / Preparation Basic Steps and Time Saving Tips Lighting Enhanced Render Setting Walkthroughs
Basic Principles of Creating Families (A/M/S)	<ul style="list-style-type: none"> Types of Family Templates & Concepts Parametric Constraints / Dimension Parameters Tools for Creating Solid & Voids BIM Parameters Best Practices Architectural vs MEP families & Connections
<p>Additional <u>discipline specific</u> topics depending upon the attendees and only if time permits</p> <p>Custom wall types (stacked. Reveals/sweeps/edit profiles) (A/M/S)</p> <p>Electrical Panel Templates (A/M/S)</p>	
<p>KEY — A = Architecture, M = MEP, S = Structure</p> <p>Green= Suitable for your discipline, Amber= some aspects will not be relevant for your discipline, Red= Not Relevant for your discipline</p>	
<p>The topics above are from the Official Autodesk Training Guides that may change at the discretion of Autodesk of which we have no</p>	

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

Other Revit Courses available

- BIM Management, Template & Family Creation 2 Days (A/M/S)
- Revit Conceptual Design & Visualisation 1 Day or 1/2 Day (A/M/S)
- Revit Collaboration Tools 1 Day Course 1/2 Day (A/M/S)
- Architecture Site & Structural Design 1 Day or 1/2 Day (A/M/S)

