

Revit Follow On Courses (for Architecture/Structure)

Revit Architecture
Site & Structural Design
1 Day Course with 1/2 day option



Overview of these courses.

After attending one of our Revit Architecture beginners courses, you will be comfortable in creating building, doors, floors, roofs and stairs. However, architects also frequently need to add site and structural information. The Autodesk approved “**Architecture Site and Structural Design**” 1 day course from CAD Bureau Southern covers the elements and tools that are used to create topographic surfaces for site work and add structural elements. The topics covered are on page 2 of this document and they can be split into separate 1/2 day courses.

Who should attend / prerequisites

This course is for *Architects* 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.

Structural Engineers who are exposed to Revit use, but don't actually use Revit, may attend this course in order to have an overview of how structural techniques work in Revit.

Courseware / Certificate / Instructor

Everything we do is authorised by Autodesk—the writers of Revit Software. Each course comes with :-

- An Autodesk Official Training Manual with practical exercises and supporting Revit files/examples. (An optional extra on 1 day and half day courses)
- 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 & 1/2 Day Options

This is a custom course and will be run on demand on days to suit the individual. The 1 day course price begins at £399.00 with discounts for multiple attendees. (Prices exclude VAT).

The Site Design & Structural Tools can be split so that you only attend for a morning or afternoon, the price for either of these is £225.00 ex vat.

Summary

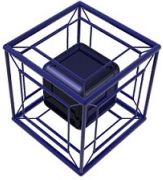
Level:	Beginners
Type:	Hand on—Practical
Duration:	1 Day (or 1/2 day)
Time:	9:15am to 4:30pm
Cost:	£399 (See Pricing)
Frequency:	on demand
Support:	12 Months
Class Size:	6 people maximum
Software:	Latest Version
Certification:	Autodesk Authorised e-certificate
Courseware:	Autodesk Training Guide Included
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 Site & Structural Design

Training Course Details



Topics	Sub-Topics
Site Design - Morning	
Preparing a Project for Site Design	<ul style="list-style-type: none"> Understanding and setting up the Project & Survey Base Points True North & Project North AutoCAD Shared GIS coordinates Acquiring Coordinates from a linked project Manual editing of coordinates
Creating a Topographical Surface	<ul style="list-style-type: none"> Creating a Topo surface using points Creating a Topo surface using an imported CAD File Creating a Topo surface using a point file Editing Topo surfaces & Site Settings
Adding Property Lines and Building Pads	<ul style="list-style-type: none"> Adding a Property Line Creating a Building Pad
Modifying Topo Surfaces	<ul style="list-style-type: none"> Creating a Sub-Region of a Topo Surface Splitting Topo Surfaces Site Grading & Phasing
Annotating Site Plans	<ul style="list-style-type: none"> Adding Contour Labels Adding Spot Elevations & Spot Coordinates
Adding Site Components	<ul style="list-style-type: none"> Adding Site Components Site Components families vs other families Site Component Hosting
Working with Shared Positioning	<ul style="list-style-type: none"> Publishing & Acquiring Coordinates Publishing Coordinates to Linked Models Save Modifications to Linked Models Selecting Locations Reconciling Links
Structural Tools - Afternoon	
Structural Basics	<ul style="list-style-type: none"> Structural Grids (review) Structural & Architectural Columns (Vertical & Slanted) Column Families and loading specific types
Creating Foundations	<ul style="list-style-type: none"> Adding Structural Walls—Structural Usage Settings Wall Foundations Individual Footings & Pile Caps Foundation Slabs & Structural Floors
Modelling Structural Framing	<ul style="list-style-type: none"> Understanding Structural Framing Systems (Steel/Wood/Concrete) Adding Beams & Automation Adding Automatic Beam Systems Sketching Beam Systems Adding Bracing Creating Framing Elevations
<p>Note: The instructor may add or remove topics depending upon the ability of the students attending, which may affect time constraints.</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 control.</p>	

Contact Us

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

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Other Revit Follow On Courses available

- BIM Management, Template & Family Creation 2 Days
- Revit Conceptual Design & Visualisation (1 Day or 1/2 Day option)
- Revit Collaboration Tools 1/2 Day Course