

Revit Follow On Courses

Revit Architecture Site and Structural Design

1 Day course with 1/2 day option



AUTODESK
Authorised Training Centre

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Course Overview

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

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 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	Intermediate
Course Type	Hands on, practical
Duration	1 Day
Time	9:15am - 4:30pm
Cost	£399 (See Pricing)
Frequency	On Demand
Dates	Click Here
Support	<ul style="list-style-type: none">• 12 months Phone• Lifetime via e-mail
Class Size	6 people maximum
Software	Revit / Revit LT (Latest release unless requested otherwise)
Certification	Autodesk Authorised e-certificate
Courseware	Autodesk Training Guide included
Location	<ul style="list-style-type: none">• Colchester, Essex; or,• On site (at extra cost)
Prerequisites	See main text

For further information call us on

0333 772 2025

Or e-mail training@cad-bureau.co.uk



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Topics

Sub-Topics

Site Design - Morning Session

Preparing a Project for Site Design

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

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

Adding a Property Line, Creating a Building Pad

Modifying Topo Surfaces

Creating a Sub-Region of a Topo Surface, Splitting Topo Surfaces, Site Grading & Phasing

Annotating Site Plans

Adding Contour Labels, Adding Spot Elevations & Spot Coordinates

Adding Site Components

Adding Site Components, Site Components families, Site Component Hosting

Working with Shared Positioning

Publishing & Acquiring Coordinates, Publishing Coordinates to Linked Models , Save Modifications to Linked Models, Selecting Locations, Reconciling Links

Structural Tools - Afternoon

Structural Basics

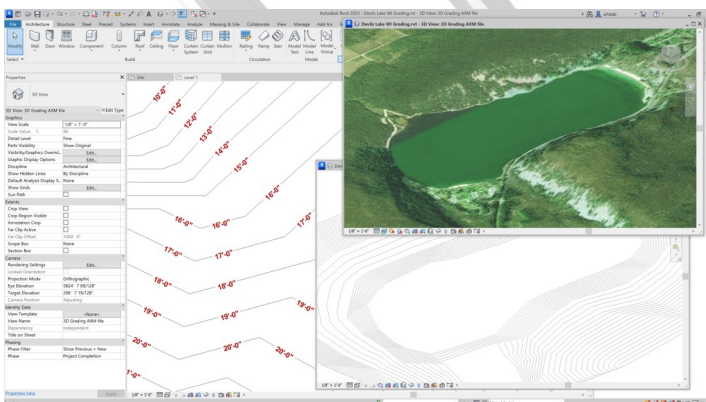
Structural Grids (review), Structural & Architectural Columns (Vertical & Slanted), Column Families and loading specific types

Creating Foundations

Adding Structural Walls—Structural Usage Settings, Wall Foundations, Individual Footings & Pile Caps, Foundation Slabs & Structural Floors

Modelling Structural Framing

Understanding Structural Framing Systems (Steel/Wood/Concrete), Adding Beams & Automation, Adding Automatic Beam Systems, Sketching Beam Systems, Adding Bracing, Creating Framing Elevations



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.



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