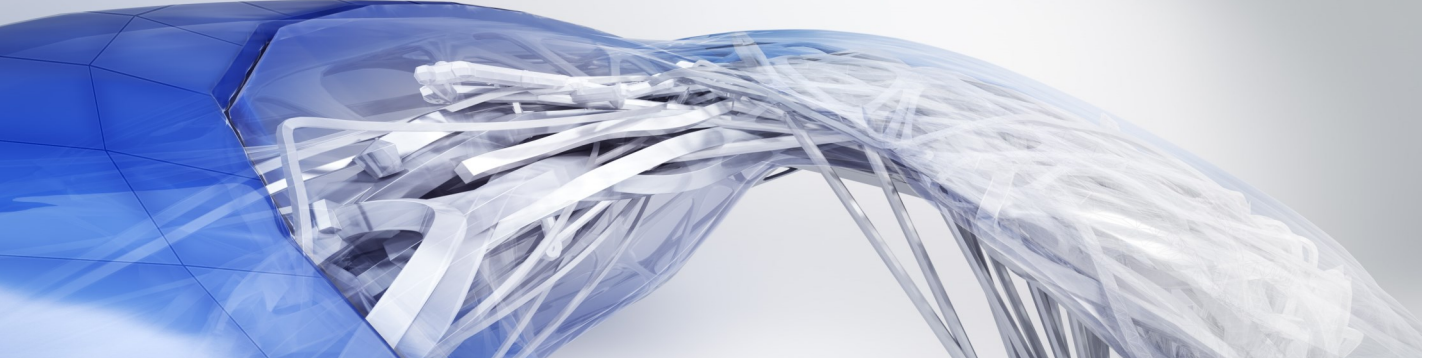


Revit Structure Fundamentals

Training Course Details



Course Overview

Revit Structure Fundamentals is a 3 day hands-on practical course that will teach the student the main structural components that make Revit Structure 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 Structure project from linking in an architectural model to construction documents.

Who should attend / prerequisites

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

Courseware / Certificate / Instructor

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

- An Autodesk Official Training Manual with practical exercises and supporting Revit Structure files/examples.
- An e-certificate in pdf format direct from Autodesk confirming successful completion of an Accredited Revit Structure 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 Structure 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 £750 ex VAT. Discounts are available for multiple bookings, please ask for details.

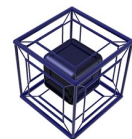
Summary

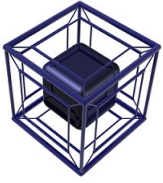
Level:	Beginners
Type:	Hand on—Practical
Duration:	3 Days
Time:	9:15am to 4:30pm
Cost:	£750 ex VAT
Frequency:	every three months
Support:	12 Months telephone
Class Size:	6 people maximum
Software:	Latest Version
Certification:	Autodesk Authorised e-certificate
Courseware:	Autodesk Training Guide Included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

Training Course Details



Topics	Sub-Topics
Autodesk Revit Structure	
Building information Modelling	Building information Modelling (BIM)
Revit Structure Basics	Overview of the interface Standard Terminology Starting Projects Viewing Commands
Basic Drawing & Editing Tools	General Drawing Tools Editing Elements Standard Modifying Tools Additional Modifying Tools
Starting Revit Structure Projects	Linking & Importing CAD & Revit Files Copying & Monitoring Objects Coordinating Linked Models Setting Up Levels
Working With Views	Duplicating Views Adding Callout Views Setting The View Display Creating Elevations Creating Sections
Structural Grids & Columns	Adding Structural Grids Placing Structural Columns
Foundations	Modelling Walls Adding Wall Footings Creating Piers & Pilasters Adding Isolated Footings
Structural Framing	Modelling Structural Framing Modifying Structural Framing Adding Trusses
Adding Structural Slabs	Modelling Structural Slabs Creating Shaft Openings
Structural Reinforcement	Structural Reinforcement Adding Rebar Modifying Rebar Reinforcing Walls, Floors and Slabs
Structural Analysis	Preparing Projects for Structural Analysis Viewing Analytical Models Adjusting Analytical Models Placing Loads
Electrical Systems	About Electrical Systems Placing Electrical Components Creating Electrical Circuits Cable Trays and Conduit Electrical Panel Schedules
Construction Documents	Setting Up Sheets Placing & Modifying Views on Sheets Printing Sheets
Annotating Construction Documents	Working with Dimensions Working With Text Adding Tags Adding Detail Lines & Symbols Creating Legends

Topics	Sub-Topics
Autodesk Revit Structure	
Creating Details	Setting Up Detail Views Adding Detail Components Annotating Details
Scheduling	Structural Schedules Graphical Column Schedules Working With Schedules
Structural Families (Time permitting)	If time permits the instructor will provide the class with an overview of how structural families are created, modified and updated.
<p>Note: The instructor may add or remove topics depending upon the ability of the students attending.</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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