



Revit Structure Essentials Training Course Content

AUTODESK
Authorised Training Centre

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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. Existing CAD knowledge is essential and you must be competent on computer with a reasonable understanding of Microsoft Windows.

Courseware / Certificate / Instructor

Everything we do is authorised by Autodesk—the authors 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

Courses are run on demand. Prices are £765 per person or £725 each for 2 people. Further discounts are available for larger bookings, please ask for details.

Summary

Level	Beginners
Course Type	Hands on, practical
Duration	3 Days
Time	9:15am - 4:30pm
Cost	£765 ex VAT
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

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



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Topics	Sub-Topics
Introduction to 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 & Additional Modifying Tools

Creating Revit Structure Projects	
Starting Revit Structure Projects	Linking Architectural Projects, Copying/Monitoring Objects, Creating Levels, Coordination
Working With Views	Duplicating Views, Callout Views, View Display Settings, Creating Elevations & Sections,
Structural Columns & Grids	About MEP Systems, Working With Components, Creating Systems—Overview, System Graphics, Connecting Components, Analysing Systems
Spaces and Zones	Adding Structural Grids & Placing Structural Columns
Foundations	Modelling Walls, Wall Footings, Creating Piers & Pilasters, Adding Isolated Footings
Structural Framing	Modelling & 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

Construction Documents Phase	
Construction Documents	Setting Up Sheets Placing & Modifying Views on Sheets Printing Sheets
Annotating Construction Documents	Working with Dimensions Working With Text Adding Detail Lines & Symbols
Tags & Schedules	Adding Tags, Structural Schedules, Graphical Column Schedules, Working With Schedules
Detailing in Autodesk Revit MEP	Setting Up Detail Views, Creating Details Annotating Details, Legends, 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.




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Contact Us

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