

I AUTODESK

Autodesk Revit Structure, Fundamentals

This Autodesk Revit Structure Fundamentals training course has been designed to teach the concepts and principles from building design through construction documentation using Autodesk Revit Structure. The course is intended to familiarise delegates with the tools necessary to create, modify, and document a parametric Revit model.

What are our client's saying about this course?

5 stars - "The course is excellent. I have learned new skills which could improve my performance in creating structural drawings. The instructor has done a very good job" - Jun 2017

5 stars - "The course was very useful and provided a good start to understanding the fundamental principles of using Revit Structure" - July 2017

5 stars - "Very much enjoyed this course, a very good insight into Revit, The trainer was very clear and have enjoyed the course" - Sep 2017

Prerequisites

It is highly recommended that delegates have experience and knowledge in structural design and its terminology. Familiarisation with the basic use of a PC running Microsoft Windows is also necessary.

Objectives

DAY ONE

Introduction to Autodesk Revit Structure

- Building Information Modelling
- Overview of the Interface
- Standard Terminology
- Starting Projects
- Viewing Commands

Basic Drawing and Editing Tools

- General Drawing Tools
- Editing Elements
- Basic Modifying Tools
- Helpful Editing Tools

Setting up Levels and Grids

- Setting Up Levels
- Creating Structural Grids

Working with Views

- Duplicating Views
- Adding Callout Views
- Setting the View Display
- Elevations and Sections

DAY TWO

Starting Structural Projects

- Importing and Linking CAD Drawings
- Linking in Architectural Projects
- Copying and Monitoring Elements

Adding Columns and Walls

- Placing Vertical Structural Columns
- Placing Slanted Structural Columns
- Drawing Walls
- Modifying Walls

Adding Foundations and Structural Slabs

- Creating Wall Footings
- Isolated Footings
- Piers and Pilasters
- Creating Structural Slabs

Structural Reinforcement

- Structural Reinforcement
- Adding Rebar
- Modifying Rebar Placement
- Reinforcing Walls, Floors, and Slabs

Beams and Framing Systems

- Adding Beams and Beam Systems
- Modifying Beams
- Framing Annotation
- Adding Bracing

Projects - Steel and Concrete Structures

- Steel Structure - Additional Practices
- Concrete Structure - Additional Practices

DAY THREE

Construction Documents

- Setting Up Sheets
- Placing and Modifying Views on Sheets
- Revision Tracking
- Printing Sheets

Annotating Construction Documents

- Working with Dimensions
- Working With Text
- Adding Detail Lines and Symbols
- Creating Legends

Detailing

- Setting Up Detail Views
- Creating Details
- Annotating Details
- Patterning

Scheduling

- Structural Schedules
- Graphical Column Schedules
- Working with Schedules
- Creating Schedules
- Modifying Schedules

Forthcoming dates

Select a course and complete the [enquiry form](#) or contact us on **01992 807 444** or via [email](#) to speak to one of our training specialists who can answer any questions you may have and/or make a reservation on your selected course.

DATE	LOCATION	TRAINER	VERSION	STATUS	PER PERSON
11 Nov 2019	Enfield, London	Trainer TBC	2020	Available	£885.00
2 Dec 2019	Bishopsgate, London	Trainer TBC		Available	£885.00
3 Feb 2020	Enfield, London	Trainer TBC	2020	Available	£885.00
10 Feb 2020	Bishopsgate, London	Trainer TBC	2020	Available	£885.00
6 Apr 2020	Bishopsgate, London	Ian Garwood	2020	Available	£885.00
14 Apr 2020	Enfield, London	Trainer TBC	2020	Available	£885.00
3 Jun 2020	Bishopsgate, London	Trainer TBC	2020	Available	£885.00
22 Jun 2020	Enfield, London	Trainer TBC	2020	Available	£885.00
27 Jul 2020	Bishopsgate, London	Trainer TBC	2020	Available	£885.00
1 Sep 2020	Enfield, London	Trainer TBC	2020	Available	£885.00

All prices are per-person on a scheduled course and exclude VAT.

DURATION

3 Days

COURSE CODE

RE-FUN

COURSE COST**£885**Applies per person on a
scheduled course (excludes
VAT)

Get in touch

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