



AUTODESK REVIT STRUCTURE

ADVANCED TRAINING COURSE

LEVEL

02

OFFICIAL AUTODESK TRAINING COURSE
TRAINED BY APPROVED INSTRUCTORS

Course Description

Building on the core concepts introduced in the Revit Structure Beginners course, this advanced course teaches delegates more in-depth premium topics. With hands-on exercises about detailing and components, rebar, families, analytical analysis, plus advanced organisation skills on how to collaborate with BIM.

Course Information

Duration:	2-3 days
Time:	9:30am – 4:30pm
Location:	T2 Train Suite or On-site training available throughout the UK
Courseware:	Autodesk manual recommended for use during the course
Qualifications:	Autodesk Authorised certificate on successful completion

Before attending this course, delegates should have a working knowledge of:

- Microsoft® Windows® XP/Vista/7
- Understanding of Architecture, and/or engineering experience.
- Previous Revit Structure Beginner training advisable

Course Availability

Scheduled quarterly basis and arranged as and when required.

Course topics and duration may be modified by the instructor based upon the knowledge and skill levels of the course participants.

Book Now to Reserve Your Place!

For further information and group training dates, contact our training team by calling **01909 512193** or emailing **info@t2train.com**.



T2 Train Ltd

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COURSE CONTENT 2015

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Software In-detail

- Creating 2D Detail Components
- Creating Detail Component Groups
- Editing Detail Component Groups
- Managing a Library of Typical Details

Working with Rebar

- About 3D Rebars
- 3D Rebar to Beams and Columns
- Reinforcement to Walls and Slabs

Working with Families

- Modifying a Floor System Family
- Creating a Slab on Metal Deck
- Precast Hollow Core Slabs
- Tapered Moment Frames
- 3D Steel Gusset Plates
- Steel Stiffeners
- Stepped Footings
- Standard Component Families

Creating Trusses

- Modifying an open web joist
- Creating a new Truss from the library

IFC Format

- About the IFC Standard
- Importing to Revit Structure
- Loading an IFC Mapping File

Exploring Analytic Tools

- Adjusting the Analytical Model
- Checking for Analytical Consistencies
- Adding and Modifying Boundary Conditions

Clients and Consultants

- Importing and Exporting from/to AutoCAD/AutoCAD Architecture
- Linking Revit Models
- Co-ordinating and Monitoring Changes
- Checking and Fixing Interference Conditions.

Multi-User Worksharing

- Creating and Using Worksets
- Using Worksets and Central Files
- Setting Workset Visibility
- Managing Worksets
- Sharing Your Design Using DWF
- Publishing to 3D DWF

Sharing Your Design

- Importing and Publishing Using DWF Format
- Working With DWF Markup Files



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