



Autodesk Revit Structure Family Creation

2 Day Course

Who Should Attend?

The course is for existing Revit Structure users only who have a good understanding of the interface and the concept of the single model environment.

The delegate should have Revit experience in Revit Structure. It is recommended that delegates have a working knowledge of Microsoft operating systems.

Objectives

The primary objective of this course is to teach delegates best practice in creating in-place families, component families, and system families. The course will go through the complete process of each introducing the user to the fundamentals as well as some clever tips.

Agenda

This course is designed to give the Revit user a good understanding of Revit Families, including best practices and correct creation.

Note: We normally train on the latest version.

During the course delegates will cover:

Day 1:

- An overview of Component and System Families
- Introduction to creating System Families
- Creating in-place families
- Creating component families
- Introduction to Nested families
- Using customised profiles
- Introduction to solids and voids
- Working with Extrusion, Blend, and Sweep
- Working with reference planes and reference points
- Working with Shared Parameter
- Overview of Schedules and families
- Introduction to working with formulas
- Overview of Type Categories
- Working with Constraints
- Best Practices with naming conventions
- Working with Instance and type parameters

Day 2:

- Revit Family types
- Templates and categorisation
- Reference Planes & Lines
- Shared Parameters
- Customising & Creating System Families
- Transferal of System Families between projects
- Materials and Fill patterns
- Lineweights and Linetypes
- Roof creation/customisation
- Roof by extrusion
- Stairs
- Beam Systems
- Trusses
- Columns and Beams
- Inplace Families
- Titlesheet Creation
- Wall sweeps/reveals and Floor slab edges
- Object Groupings
- Profiles
- Detail Components

The above may be varied to suit client's preferences and requirements.

Qualifications

On completion of the course you will be presented with an Autodesk Authorised Training Certificate.

Customer Testimonial

"The trainer was excellent and he was able to tailor the instruction to suit all of the attendees needs. He answered all of our questions whilst still keeping to the course syllabus. All in all a very good course."

Tony Gunter, Highways and Transportation Officer at Stockport Council



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