



Autodesk Revit Structure Family Creation

2 Day Course

Who Should Attend?

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

Delegates should have Revit experience in Revit Structure and 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 Revit users a good understanding of Revit Families, including best practices and correct creation.

Note: We normally train on the latest version.

Agenda Topics:

- An overview of Component and System Families
- Introduction to creating System Families
- Creating in-place families
- Creating component families
- 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 Parameters
- 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
- Type Catalogs
- Tags and symbols
- Materials



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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.



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