REVIT ARCHITECTURE FAMILIES COURSE
Revit Custom Parametric Families
Everything in Revit is part of a Family

All Revit elements belong to a family. Families are best thought of simply as a collection of like items sharing the same overall look and behavior. You will start by knowing types of families within Revit and their uses.

Upon completion of Revit Families course you will then be able to create your own parametric Revit families, browse and utilize Revit tools to 3D model generation to create custom families and in-place components.

Revit Architecture Families Course
General Objectives
Increase the efficiency of designers, drafters, and architects, by providing them with the skills to create stable Revit families, modify them to enhance graphic quality, and streamline content development with nesting and shared families.

Use the Revit Family Editor to make changes to existing families or to create new families. Create families from a Revit Family Template using standard families to be displayed and scheduled.

- Know types of families within Revit and their uses
- Use the fundamental features in the Revit Family Editor
- Create reference based form geometry
- Apply constraints and parameters
- Create Revit nested families

Target Audience
This course of Revit customize families is designed for users that already have a working knowledge of Autodesk Revit.
No need experience of creating Revit families.

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COURSE OUTLINE

The Basics of Custom Revit Families
Revit System Families
Revit Loadable Families
Revit In-Place Families

Revit Family Editor Interface
Revit Family Templates
Make changes to existing Revit families

Create new families
Revit Family types
Creating Profile Families
Apply instances
Reference Lines
Reference plane
Work planes
Locks
Visibility settings
Assign materials

Revit Parametric Families
Creating and Modifying Revit Parametric Families
Parameter types
Basic Parameters
Adding parameters
Parametric properties
Apply constraints
Shared Parameters

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Revit Custom Families Based on a Model
Revit as a modeling tool
Creating In-place components in Revit
Creating solid geometry in Revit
Solid and Void Forms in Revit

Revit Nested Families
Creating Nested Families
Working with Subcategories
Working with Element Visibility
Guidelines for Family Organization