

Revit Architecture Families

1 day | 7 LUs



One-day, hands-on course covering the fundamentals of creating and testing parametric content within Revit Architecture.

Families are an integral component of a Revit project. Gain the skills you need to develop intelligent parametric Revit content in support of efficient Building Information Modeling. Learn introductory methods for assigning and testing graphical elements and parametric data within a family. In addition, learn the processes for creating a parametric family, and controlling both 2D and 3D elements within a family.

COURSE OBJECTIVES

Using our proven instructor-led method, we will increase the efficiency of designers, drafters, and architects, by providing them with the skills and confidence to create stable families, modify them to enhance graphic quality, and streamline content development with nesting and shared families.

To ensure confidence in your new skills, we extend your classroom training with 90 days of free follow-up support on all class material.

TARGET AUDIENCE

- Experienced Revit Architecture users tasked with creating and managing Revit families

PREREQUISITES

- A thorough understanding of all concepts taught in Ideate + IMAGINiT's Revit Architecture Fundamentals course
- Architectural design, drafting, or engineering industry experience
- Knowledge of the Microsoft Windows operating system

Note: This course is specific for creating families within Revit Architecture.

COURSE OUTLINE

The Basics of Revit Families

Family Templates and Categories
Family Editor Interface
Reference Planes
Basic Parameters and Parametrics
Solid and Void Forms
Shared Parameters
Reference Lines
Symbolic Lines

Working with Revit Architecture Families

Creating In-place Families
Creating Profile Families
Creating Line-based Families
Creating Nested Families
Working with Subcategories
Working with Element Visibility
Guidelines for Family Organization

Note: Outlined topics and daily schedule may be modified slightly per instructor's discretion and class structure.

