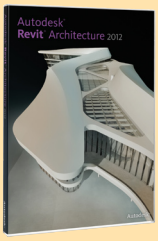
education@ideate

Revit Architecture Families

1 DAY

7 LUs*



This fast-paced class is designed for advanced Autodesk® Revit® students who are interested in creating parametric Revit content. Students will learn methods for testing and creating both the graphical and data elements of Revit Families through the study of two different family types: a bench and a door. This class will also include Shared Parameters, Family Nesting, and tips for standardizing custom Revit content.

Prerequisites: A minimum of one year of either Revit Architecture, Revit MEP, or Revit Structure experience required; 3D modeling experience recommended.

Register Online: Click here.

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Course Objectives

The primary objective of this class is to provide students with a framework around which intelligent, parametric Revit content can be developed. Sufficient hands-on family development during the class will give students the confidence to create stable and efficient content for use back at the office.

Upon completion of the course, the student will be able to:

Create basic parametric families such as furniture, equipment, or plantings.

Create or modify families to enhance the graphic quality.

Streamline content development through the use of proper nesting and the use of shared families.

Understand how hosted families, such as doors or windows, interact with their hosts.

Who Should Attend

Each company that uses Revit Architecture should have at least two people versed in the art of creating families. This class is for experienced Revit students who are tasked with creating or managing Revit families.

Course Outline

Morning Session: Furniture Family

Family Templates and Categories

Reference Planes

Family Types

Basic parameters and parametrics

Afternoon Session: Door Family with Parametric Swing

Hosted Families and Openings

Subcategories and Element Visibility

Symbolic Lines

Nesting Families

Shared Parameters

Guidelines for Organizing Families

*This class qualifies for AIA/CES Learning Units.