

Revit® 2020 Level II

Families for MEP

▶ **Length**
2 Days

▶ **Cost**
\$800 per person
(Dedicated group rates available)

▶ **Level**
Intermediate / Advanced

▶ **Prerequisites**
Strong knowledge of terminology, systems, and workflows found in the mechanical, electrical, and plumbing disciplines, as well as Revit® MEP (RME) 2017-2020 Level I (or equiv.)
...or...
6-12 months continuous RME 2017-2020 experience

▶ **Who Can Benefit From This Class**
Professionals responsible for the development of custom Revit content and project standards, including engineers/designers, production staff, and CAD/BIM Managers

▶ **Hours**
9:00am - 4:30pm EST
with an hour lunch break

▶ **Additional Information**
This class comes with a 100% Satisfaction Guarantee, provides AIA/CES Continuing Education Credits (CEU's), and each student receives a certificate of completion. Please see our website for more information.

DESCRIPTION

Go beyond the basics of Revit® and take your skills to the next level with this progressive two-day class. Focusing on the creation of customized family content, learn how to create shared parameters for devices and equipment, set up pre-formatted schedules in a project template, document through the use of tags, learn the use of filters to distinguish families, and understand the aspects of creating complex families. While each example demonstrated in class is discipline specific, the topics covered in the curriculum are applicable across the disciplines.

CONTENT

Family Templates

Understanding the different types
Review behavior of specific Family Categories

Family Modifications

Connectors
Shared Parameters

Schedules

Component Schedules
Electrical Panel Schedules

Annotation

Symbols
Tags

Data Propagation

Type Catalogs
Lookup Tables

Families Featured in Class

VAV Units: modeling the geometry, adding 3D clearances for Interference Checking, linking Shared Parameters to customized schedules, then assigning appropriate connectors for Duct, Pipe, and Electrical
Valves: modifying what's "out-of-the-box" and embedding symbols
Lighting Fixtures: vertical and horizontal face hosting, linking Shared Parameters to customized schedules, and using embedded symbols
Receptacles: modifying what's "out-of-the-box" and embedding symbols
Panelboards: reviewing elements which affect circuiting and creating electrical panel schedules

LEARNING PATH

Prerequisites
Revit Level I:
MEP



This Class



Future Training
Dynamo Level I: Essentials