

# Revit® 2017 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 commonly found in the mechanical, electrical, and plumbing disciplines, as well as Revit® MEP (RME) 2014-2017 Level I (or equiv.)  
...or...  
6-12 months continuous RME 2014-2017 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 clearances as masses 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**  
3ds Max Design Level I: Essentials