

Revit® MEP 2017 – Electrical Beyond Basics

This one-day class focuses on addressing common electrical aspects of Revit MEP 2017 that are not discussed in the fundamentals class. Knowledge of basic techniques is assumed, such as placing equipment, creating circuits, scheduling, etc.

Learning Objective

The objective of this class is to enable students who have a basic knowledge of Revit® MEP to be able to achieve common goals of electrical production drawings and enhance using the features for easier electrical design.

Course Outline

- ✓ **Views**
 - Controlling Display of Information in Linked Files
 - Show Mechanical Equipment that Require Electrical Connection
- ✓ **View Templates**
- ✓ **Scope Boxes**
 - Creating Scope Boxes
 - Scope Boxes from Linked Files
 - View Size Consistency
 - Show Angled Wings Square to Sheet
- ✓ **Load Classifications**
 - Specifying Load Classifications
 - Calculation of Load Classification Values
- ✓ **Circuiting**
 - Get Warning about Overloading a Breaker
 - Electrical Sub-Panels with Lugs
 - Differentiate Circuited vs Un-Circuited Electrical Devices in Plan View
 - Why Specific Panels Sometimes Don't Show as Circuiting Option
 - Equipment with 2 Feeds (ex. ATS)
- ✓ **Fixtures with Multiple Circuits**
- ✓ **Panels & Panel Schedules**
 - Electrical Sub-Panels with Lugs
 - Modifying Panel Templates
 - Assigning Panel Templates
 - Moving Circuits on a Full Panel
 - Addressing Load Classifications
 - Creating Split-Bus Panel Schedules
 - Locking vs Not Locking Circuits
- ✓ **Schedules**
 - Valuable Working Schedules
 - Nested Schedules

The instructor may vary the topics and outline depending on the students participating in the class or other situations.