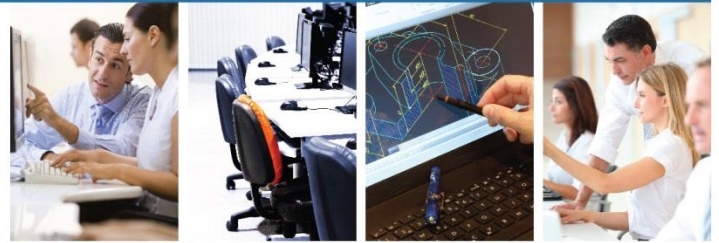


REVIT MEP 2018 ELECTRICAL FUNDAMENTALS



Class Description

The Revit MEP Fundamentals training course is intended to introduce students to the software's user interface and the basic HVAC, electrical, and piping/plumbing components that make Revit MEP a powerful and flexible engineering modeling tool. The objective is to familiarize students with the tools necessary to create, document, and print your parametric model. The examples and practices are designed to take you through the basics of a full MEP project from linking in an architectural model to construction documents.

Prerequisites

Windows experience and understanding of MEP principles and practices.

Class Length: 3 days

Course Topics

Introduction to BIM and Autodesk Revit

- BIM and Autodesk MEP
- Overview of the Revit MEP Interface
- Starting Projects
- Viewing Commands

Basic Sketching and Modify Tools

- Using General Sketching Tools
- Inserting Components
- Selecting and Editing Elements
- Working with Basic Modify Tools

Basic System Tools

- Connecting Components
- Working with Additional Modify Tools
- Creating systems

Starting System Projects

- Linking in Revit Models
- Setting up Levels
- Copying and Monitoring Elements
- Batch Copying Fixtures
- Coordinating Linked Models

Working with Views

- Setting the view Display
- Duplicate Views
- Adding Callout Views
- Elevations and Sections

Electrical Systems

- About Electrical Systems
- Placing Electrical Components
- Creating Electrical Circuits
- Setting up Panel Schedules
- Testing Electrical Layouts

Creating Construction Documents

- Setting Up Sheets
- Placing & Modifying Views on Sheets
- Printing Sheets

Annotating Construction Documents

- Working with Dimensions
- Working with Text
- Adding Detail Lines & Symbols
- Creating Legends

Adding Tags and Schedules

- Adding Tags
- Working With Schedules

Creating Detail

- Setting Up Detail Views
- Creating Details
- Annotating Detail