



Training Course Outline

Prerequisite: It is recommended that you have basic MEP engineering and design and a working knowledge of Microsoft Windows.

Course Fee: \$795

Course Length: 2 days

Register: For upcoming dates and times, please call our training coordinator at 800.247.1927 or view our training calendar at www.thePPIgroup.com/training.html

We have two locations to serve you:

Portland Office:
503.231.1576 | 800.247.1927

Seattle Office:
425.251.9722 | 800.558.5368

Introduction to Revit® MEP-Electrical

Revit® MEP provides engineers and other professionals with technology for more efficient, collaborative, and environmentally responsible design, engineering, and construction projects. The PPI Group's Introduction to Revit MEP-Electrical class teaches you the essential features and functionality of Revit Electrical. Through lecture and hands on exercises, the student will learn about building information modeling (BIM), navigate through the program interface, manage views and work with many other powerful features.

Building Information Modeling

- Define
- Use to manage change in a model

Revit MEP Basics

- User Interface
- Working with Elements and Families

Viewing the Model

- Managing Views
- Controlling Object Visibility
- Working with and Modifying Views

Starting a New Project

- Setting Up Projects
- Defining Discipline Settings
- Importing and Editing DWG Details
- Linking Revit Models

Defining Volumes

- Representing Volumes
- Creating Zones
- Building Performance Analysis

Electrical Systems

- Designing an Electrical System
- Adding lighting fixtures using schedules & color fills
- Modifying the IES data
- Placing switches, junction boxes and receptacles
- Creating lighting circuits
- Switch system
- Power loads
- Wire size and breaker service
- Panel schedules

Working with Architects & Engineers

- Monitoring Changes in Linked Files
 - Interference Conditions
- ### Detailing & Drafting
- Creating Callout Views
 - Working with Details Views
 - Working with Drafting Views

Annotations & Schedules

- Text and Tags
- Dimensions
- Creating Legends
- Schedules

Construction Documentation

- Titleblocks
- Working with Sheets

Training with PPI.

- Gets you productive quicker. Our experienced instructors have, on average, over 12 years experience in the AutoCAD® support industry.
- Gets you access to full size state-of-the-art Autodesk® Authorized Training Centers.
- Gets you free and ample parking at both locations.
- Provides you with qualified PDH (Professional Development Hours) for Engineers & Land Surveyors, as well as AIA CES Learning Units for Architects.

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