

## Revit MEP Training – Day 1

### Overview of the Revit user interface

### Using Revit in a multi-disciplined worksharing environment

- What are the challenges?
- Establishing a successful workflow model
- Worksharing
- Best practices with worksets

### Creating a new project

- Creating Worksets and saving to a central project
- Saving to the local project and working with the local project
- Using Import/ link to establish a background model
- Copy/Monitor (Revit linked projects only)

## Revit MEP Training – Day 2

### Mechanical Systems - Air-side

- Planning a mechanical model
- Creating zones for heating and cooling
- Adding Space Elements
- Performing an energy analysis
- Interacting with 3<sup>rd</sup> party energy analysis software
- Working with GBXML files
- Designing an air system
- Placing terminals and air-side equipment
- Using a schedule as a design tool
- Creating an air system
- Drawing ductwork and fittings

## Revit MEP Training – Day 2

### Water-side

- Planning a piping model
- Placing equipment
- Creating piping systems
- Adding accessories
- Using BIM features
- Interference checking
- Resolving routing conflicts in duct and piping layouts
- Scheduling equipment

## Revit MEP Training – Day 3

### Electrical Systems

- Planning the electrical model
- Defining lighting levels
- Using a schedule to check lighting levels
- Designing the electrical system
- Adding lights, switches, receptacles
- Placing electrical equipment
- Creating lighting and power circuits, adding wiring
- Checking the electrical design

## Revit MEP Training – Day 4

### Plumbing Systems

- Planning the plumbing model
- Configuring plumbing systems
- Adding fixtures
- Creating piping systems
- Adding plumbing fixture schedules

### Fire Protection Systems

- Planning the fire protection model
- Configuring fire protection systems
- Adding wet and/or dry sprinkler heads
- Creating fire protection systems
- Pipe layout techniques