

Course Outline

Revit MEP Essentials Training

<p>Day One – Introduction, Overview of BIM, Revit and interface</p> <ul style="list-style-type: none"> • Opening, saving and synchronizing projects. • Using Keyboard Shortcuts • Selecting views to work on • Using temporary views, making templates including a coordination template, and temporarily applying template properties • Visibility / Graphics • Going over the ribbon and what each item does. • Section Boxes • Sections • Using the Filter • Nudge, Split, Align, move, copy and rotate elements • Temporary Hide/Isolate • Tagging • Using the worksharing monitor • Worksets 	<p>Day 2 – Mechanical, Plumbing and Electrical Elements</p> <ul style="list-style-type: none"> • Creating 3D models of each system type • Placing equipment • Where to find families • How to load families • Coordinating with other trades. • Hosted vs non-hosted families. • Routing options. • Using fittings and accessories. • Creating families from a cube. • Editing families for specific projects. • Adding electrical, piping and ductwork connections to families. • Understanding your view range and how it affects visibility of elements in your drawings. • Adjusting the view range to achieve the results you desire. • Differences in view range for ceiling vs floor plans. • Using plan region views for isolated areas that require a different view range from the rest of the drawing.
<p>Day 3 – Project Set-up and Delivery</p> <ul style="list-style-type: none"> • Linking in Revit models • Setting up Levels • Copy and Monitor Elements • Coordinating linked models • Views, callouts and sections • Creating Spaces and room naming • Sheet set-up • Creating and managing Revisions in Revit • Clouding Revisions • Tagging revisions with Deltas 	<p>More of Day 3</p> <ul style="list-style-type: none"> • “For Construction” Stamp information • Linking DWGs into Revit projects • Linking PDFs into Revit projects • Understanding the difference between importing DWGs and linking them along with best practices. • Exporting DWGs and DWFs from Revit projects • Printing sheets from Revit to the Printer • Printing sheets from Revit to PDF • Export and Print settings