

NO. OF DAYS	TOPICS
DAY-1	<ul style="list-style-type: none"> ➤ Introduction of CAD DESK ➤ Introduction To This Course ➤ The MEP Interface ➤ The REVIT Interface ➤ Customizing The Interface ➤ Keyboard Shortcut ➤ Using The Included Working Files ➤ Working With Views
DAY-2	<ul style="list-style-type: none"> ➤ File Concepts - Project Files And Templates ➤ File Concepts - Family Files And Templates ➤ File Concepts - System Families ➤ File Concepts - In-Place Families
DAY-3	<ul style="list-style-type: none"> ➤ Opening A Revit MEP Project ➤ Viewing The Model - 2D ➤ Viewing The Model - 3D ➤ Systems Tab - HVAC And Mechanical ➤ Systems Tab - Plumbing And Piping ➤ Systems Tab - Electrical
DAY-4	BASIC EDITING TOOLS <ul style="list-style-type: none"> ➤ Selecting Elements ➤ Using Filter ➤ Use Of The TAB Key ➤ Moving And Copying ➤ Copy And Paste ➤ Rotating ➤ Mirror ➤ Linear Arrays ➤ Radial Arrays
DAY-5	<ul style="list-style-type: none"> ➤ Extend And Trim ➤ The Align tool ➤ Offset ➤ Re-Hosting Element ➤ Groups – Model ➤ Groups – Detail

	<ul style="list-style-type: none"> ➤ Groups - Detail Using Components ➤ Starting An MEP Project
DAY-6	NEW MEP PROJECT <ul style="list-style-type: none"> ➤ Linking an Architects Revit File ➤ Copy - Monitor Levels And Grids ➤ Copy - Monitor MEP Fixtures ➤ Initial Plan Views ➤ Coordination Review ➤ Project Information
DAY-7	<ul style="list-style-type: none"> ➤ Saving – Standalone ➤ Saving – Worksharing Enabled ➤ Linking CAD Files ➤ Linked CAD Files - Wireframe Approach ➤ Linked CAD Files – Elevations ➤ Linked CAD Files - Floor Plans
DAY-8	VIEWS <ul style="list-style-type: none"> ➤ Controlling Visibility ➤ Initial Plan Views ➤ View Duplication ➤ Elevations ➤ Sections ➤ Creating Callouts
DAY-9	<ul style="list-style-type: none"> ➤ Ceiling Plans ➤ View Templates ➤ Matchlines ➤ Section Box ➤ Scope Box

DAY-10	<p>FAMILY CREATION</p> <ul style="list-style-type: none"> ➤ Basic Family Creation – Template ➤ Basic Family Creation – Planning ➤ Basic Family Creation – Modeling ➤ Basic Family Creation – Type ➤ Basic Family Creation – Connectors ➤ Basic Family Creation Tags
DAY-11	<p>SPACES AND ZONES</p> <ul style="list-style-type: none"> ➤ Room Bounding objects ➤ Creating Spaces ➤ Space Separation Boundaries ➤ Modifying Spaces ➤ Space Tags ➤ Area And Volume Calculations ➤ Creating Zones ➤ Color Schemes
DAY-12	<p>SYSTEMS</p> <ul style="list-style-type: none"> ➤ The System Browser ➤ Graphic Overrides ➤ Checking Systems ➤ System Inspector ➤ Duct Sizing
DAY-13	<p>MECHANICAL DESIGN</p> <ul style="list-style-type: none"> ➤ Starting with templates ➤ Preparing Mechanical Design ➤ Room Color fills ➤ Creating Zoning ➤ Adding HVAC Equipments
DAY-14	<ul style="list-style-type: none"> ➤ Sizing Ductwork Systems

	<ul style="list-style-type: none"> ➤ Annotating the Mechanical System ➤ Mechanical Piping System ➤ Pipe Fittings ➤ Filters
DAY-15	<ul style="list-style-type: none"> ➤ Adding Mechanical Equipment ➤ Adding Placeholder Pipes ➤ Adding Pipes ➤ Parallel Pipes ➤ Modifying Pipes ➤ Sloping Pipes
DAY-16	<ul style="list-style-type: none"> ➤ Adding And Modifying Fittings ➤ Mechanical Systems – Hydronic ➤ Generating Pipe Layouts
DAY-17	<p>ELECTRICAL DESIGN</p> <ul style="list-style-type: none"> ➤ Electrical Settings ➤ Electrical Components - Lighting Fixtures ➤ Electrical Components – Electrical Equipment ➤ Electrical Components - Electrical Devices
DAY-18	<ul style="list-style-type: none"> ➤ Creating Power Circuits ➤ Creating Lighting Circuits ➤ Creating Switch Systems
DAY-19	<ul style="list-style-type: none"> ➤ Cable Tray ➤ Conduit ➤ Load checking equipments ➤ Annotating electrical views ➤ Schedules
DAY:20-21	<p>PUMPING DESIGN</p> <ul style="list-style-type: none"> ➤ Creating Plumbing views ➤ Plumbing Setting ➤ Creating layout ➤ Creating Fixture, Pipe Schedules etc. ➤ Annotating the plumbing System

DAY:22-24	<ul style="list-style-type: none"> ➤ Mechanical Settings – Pipes ➤ Piping Systems ➤ Adding Plumbing Fixtures ➤ Placeholder Pipes ➤ Pipes ➤ Parallel Pipes ➤ Modifying Plumbing Fixtures ➤ Piping Systems ➤ Generating Pipe Layouts
DAY-25	PRESENTATIONS <ul style="list-style-type: none"> ➤ Custom Materials ➤ Custom Lighting ➤ Exporting Images ➤ Walkthroughs
DAY:26-27	Drafting and Detailing <ul style="list-style-type: none"> ➤ Line Style ➤ Regions ➤ Detail Component ➤ CAD Details

DAY-28	<ul style="list-style-type: none"> ➤ Drafting Views ➤ Detail Library ➤ Detail Views
DAY:29-30	Sheet Setting <ul style="list-style-type: none"> ➤ Title Block Creation ➤ Sheet Creation ➤ Placing Views in a Sheet ➤ Sheet Revisions
DAY:31-35	PROJECT