Oxman College

Upgrade Skills Training for Working Professionals

Autodesk Revit MEP Fundamentals

Autodesk Revit MEP
• Building Information Modeling
• Overview of the Interface
• Standard Terminology
• Starting Projects
• Viewing Commands

Basic Drawing and Editing Tools
• General Drawing Tools
• Editing Elements
• Basic Modifying Tools
• Helpful Editing Tools

Starting MEP Projects
• Linking in Architectural Projects
• Copying and Monitoring Elements
• Setting Up Levels

Working with Views
• Duplicating Views
• Adding Callout Views
• Setting the View Display
• Creating Elevations
• Creating Sections
• Working With Ceilings

Understanding MEP Systems
• About MEP Systems
• Working with Components
• Creating Systems - Overview
• System Graphics
• Connecting Components
• Analyzing

Spaces and Zones
• Preparing a Model for Spaces
• Creating Spaces
• Working with Spaces
• Creating Zones
• Creating Color Schemes

HVAC Systems
• About HVAC Systems
• Adding Air Terminals & Mechanical Equipment
• Adding Ductwork
• Creating Duct Systems
• Automatic Ductwork Layouts
• Heating & Cooling Load Calculations

Plumbing Systems
• About Plumbing Systems
• Adding Plumbing Fixtures
• Drawing Piping for Plumbing Systems
• Working with Plumbing Systems
• Adding Fire Protection Systems

Electrical Systems
• Electrical Systems
• Placing Electrical Components
• Creating Electrical Circuits
• Cable Trays and Conduit
• Electrical Panel Schedules
• Testing Electrical Layouts

Creating Construction Documents
• Setting Up Sheets
• Placing and Modifying Views on Sheets
• Adding Revisions
• Printing Sheets

Annotating Construction Documents
• Working with Dimensions
• Working with Text
• Detail Lines and Symbols
• Creating Legends

Tags and Schedules
• Adding Tags
• Working with Schedules
• Creating Schedules

Detailing
• Setting Up Detail Views
• Creating Details
• Patterning

Additional Tools
• Building Type Settings
• Custom Duct and Piping Types
• Revision Tracking
• Importing and Exporting Schedules
• Guide Grids and Sheets
• Creating Building Component Schedules