

Revit MEP



Overview

Course Length: 32 hours (*can be taken via flexible schedule in-center or remotely*)

Description: Autodesk Revit MEP The Complete Guide is designed to give you a solid understanding of Revit MEP features and capabilities, from navigating the interface to the more advanced subjects. This course covers the Getting Started with an MEP Project; Spacing, Zones, and Cooling and Heating Load; Creating Construction Documents, and Creating Families and Worksharing.

Autodesk Revit MEP has been created for engineers, designers, architects and CADD technicians; allowing them to design, document, and analyze building information for mechanical, electrical, and plumbing disciplines. This version brings new and exciting features, like Fabrication Modeling.

Course Objectives/Topics

New for Revit

Revit Multi-Disciplinary Improvement

Introduction to Autodesk Revit MEP

Introducing the Autodesk Revit MEP User Interface

Understanding the Interface, Getting Help

Getting Started with an MEP Project

Starting a New Project in Revit MEP

Linking Revit Models and Sharing Coordinates

The Snaps Tool, The Options Dialog Box

From Datums to Building Envelopes

Working with Levels

Working with Grids

Working with Reference and Work Planes

Working with Views

Understanding Wall Types

Windows and Doors Types

Working with Walls, Floors, and Ceilings, Adding Rooms

Spacing, Zones, and Cooling and Heating Load

Creating Spaces

Color Schemes, Working with Zones

Creating a Mechanical System

Understanding HVAC Systems

Generating HVAC System Layouts

Creating an Electrical System

Understanding Electrical Systems

Adding Power and System Devices

Creating a Plumbing System

Understanding Plumbing Systems

Working with Plumbing Systems

Creating Fire a Protection System

Understanding Fire Protection Systems

Designing the Fire Protection System

Creating Construction Documents

Dimensioning

Modifying Dimensions, Tags

Creating Detail Views, Adding Sheets

Creating Families and Worksharing

Understanding Massing Concepts

Editing a Massing Geometry

Creating Masses in the Conceptual Design Environment

Worksharing Concept

Practical practice and Projects

Put what you learned to use. Put it all together with a final project of your choosing.

Prerequisites

You don't need any previous experience with Autodesk Revit MEP to take this course.

Audience

New users to Autodesk Revit MEP.

Please note that course material, content, structure and delivery methods are subject to change without notice.

<https://www.visible-edge.com/home/education-training/>