

Revit MEP 2011 Fundamentals

This class is designed to be five days and is intended to introduce students to the basics of using Revit® MEP. The student should have a working knowledge of computers and a basic understanding of MEP terminology.

Learning Objective

Using the Revit® MEP 2011 software, the participant will learn the basics of the software, such as the interface. Participants will also learn to link Revit models and work with other disciplines.

Course Outline

- ✓ **Introduction to Revit MEP**
 - Building Information Modeling with Revit MEP
 - Overview of the Revit MEP Project
 - Opening a Revit MEP Project
 - Viewing Commands
- ✓ **Basic Drawing and Editing Tools**
 - General Drawing Tools
 - Editing Revit Elements
 - Basic Modifying Tools
 - Additional Editing Tools
- ✓ **Starting Revit MEP Projects**
 - Starting Revit Projects
 - Linking Revit Models
 - Copying and Monitoring Linked Files
 - Setting Up Levels
- ✓ **Views**
 - Duplicating Views
 - Adding Callout Views
 - Setting the View Display
 - Creating Elevations
 - Creating Sections
 - Working With Ceilings
- ✓ **Autodesk Revit MEP Systems**
 - About Revit MEP Systems
 - Working with Components
 - Creating Systems – Overview
 - System Graphics
- Connecting Components
- Analyzing Systems
- Construction Documents**
 - Setting Up Sheets
 - Placing and Modifying Views on Sheets
 - Printing Sheets
- ✓ **Annotating Construction Documents**
 - Working with Dimensions
 - Working with Text
 - Adding Detail Lines and Symbols
 - Creating Legends
- ✓ **Tags and Schedules**
 - Adding Tags
 - Working with Schedules
 - Creating Schedules
- ✓ **Detailing with Revit MEP**
 - Setting Up Detail Views
 - Creating Details
 - Annotating Details
 - Patterning

The instructor may vary the topics and outline depending on the students participating in the class or other situations.