

Name of the Program

Autodesk Revit MEP

Program Summary:

This Autodesk Revit MEP course is designed to introduce participants to parametric building services modelling using Autodesk's Revit MEP software.

With the goal of giving delegates the skills to produce more accurate designs for Mechanical, Electrical and Plumbing systems, the course tackles the following core topics:

- Revit's interface and terminology
- Setting up and starting a project
- Analysing building models for performance
- Creating and modifying ductwork using Revit tools

By the end of the training, they will have the basic skills necessary to layout and create system piping, plumbing systems, fire protection systems and electrical circuits using intelligent building components, views and annotations.

Topics to be Covered:

Part 1 General Project Setup:

Chapter 1 Exploring the User Interface

Chapter 2 Creating an Effective Project Template

Chapter 3 Worksets and Worksharing

Chapter 4 Project Collaboration

Chapter 5 Multiplatform Interoperability: Working with 2D and 3D Data

Chapter 6 Parameters

Chapter 7 Schedules

Part 2 Mechanical Design:

Chapter 8 HVAC Cooling and Heating Load Analysis

Chapter 9 Creating Logical Systems

Chapter 10 Mechanical Systems and Ductwork

Chapter 11 Mechanical Piping

Part 3 Electrical Design:

Chapter 12 Lighting

Chapter 13 Power and Communications

Chapter 14 Circuiting and Panels

Part 4 Plumbing:

Chapter 15 Plumbing (Domestic, Sanitary, and Other)

Chapter 16 Fire Protection

Part 5 Managing Content:

Chapter 17 Solid Modeling

Chapter 18 Creating Symbols and Annotations

Chapter 19 Creating Equipment

Chapter 20 Creating Lighting Fixtures

Chapter 21 Creating Devices

Chapter 22 Details

Chapter 23 Sheets

Targeted Trainees:

Design professionals looking to learn how to produce building services models and projects using the Autodesk Revit software.

Certificate:

Awarded from Autodesk.