

AUTODESK 2017 REVIT MEP

To take full advantage of Building Information Modelling, the Autodesk® Revit® MEP Fundamentals training guide has been designed to teach the concepts and principles of creating 3D parametric models of MEP system from engineering design through construction documentation. The training guide is intended to introduce students to the software's user interface and the basic HVAC, electrical, and plumbing/piping components that make Revit MEP a powerful and flexible engineering modeling tool. The objective is to familiarize students with the tools necessary to create, document, and print the parametric model. The examples and practices are designed to take the students through the basics of a full Revit MEP project from linking in an architectural model to construction documents.

What we cover in this course:

- Introduction to Autodesk Revit, its interface, including viewing, drawing, and editing commands
- Working with linked architectural files
- Creating and modifying views
- Understanding MEP systems in general
- Creating spaces and zones
- Analysing heating and cooling loads
- Working with HVAC module to add air terminals, mechanical equipment, and create HVAC systems
- Working with the Piping module to add mechanical equipment as well as creating hydronic piping systems
- Working with fixtures, piping systems, and analysis tools in the Plumbing module
- Working with fire protection systems
- Working with components, circuits, cable tray, and conduits in the Electrical module
- Creating and annotating construction documents
- Adding tags and creating schedules
- Detailing in Autodesk MEP

COURSE DURATION:

3 Days
Full Time OR Part Time

COURSE FEES:

R6 300.00

ACCREDITATION:

Internationally recognised
Autodesk Accredited
Autodesk E-Certificate

PREREQUISITES:

Autodesk Revit® Essentials +
Advanced Certification

FUTURE COURSES YOU CAN DO:

Inventor



AUTODESK
REVIT MEP

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