



REVIT MEP 2025 COURSE

 **AUTODESK**
Authorized Training Center

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For whom is the course for?

This course is suitable for

- Beginners who wants to become a BIM Modeler
- Mechanical engineers, MEP Designers, Site Engineers
AutoCAD Draftsman & CAD engineers
- Students who have the passion of learning Engineering design
- Professionals who wants to increase their skills in BIM

Pre-requisites

Basic understanding of CAD is enough to learn this course.





About

REVIT MEP(MECHANICAL ELECTRICAL & PLUMBING)

Autodesk Revit MEP is a Building Information Modeling (BIM) programmer for MEP engineers developed by Autodesk. MEP stands for Mechanical, Electrical, and Plumbing, which are the three engineering disciplines addressed and managed by Revit.

Why you should learn REVIT MEP ?

Autodesk Revit for Mechanical Electrical and Plumbing (MEP) is utilized for various purposes such as BIM modeling, analyzing design and functionalities along with iterating systems design in the Building Information Modeling (BIM) process to provide better sustainability and performance.



Where to apply for JOB ?

There are many job opportunities for those who are proficient in Autodesk Revit. Here are some examples:

Engineering Consultancy: working for a Engineering company to create BIM Models for clients.

Construction Companies: working for a construction company to produce entire construction BIM models

Contracting companies: The builder's main uses of Revit are trying designs and communicating with other teams.

Architectural/Interior firms: work for an Architecture/interior for creating revit drawings with detailings

Brief Contents

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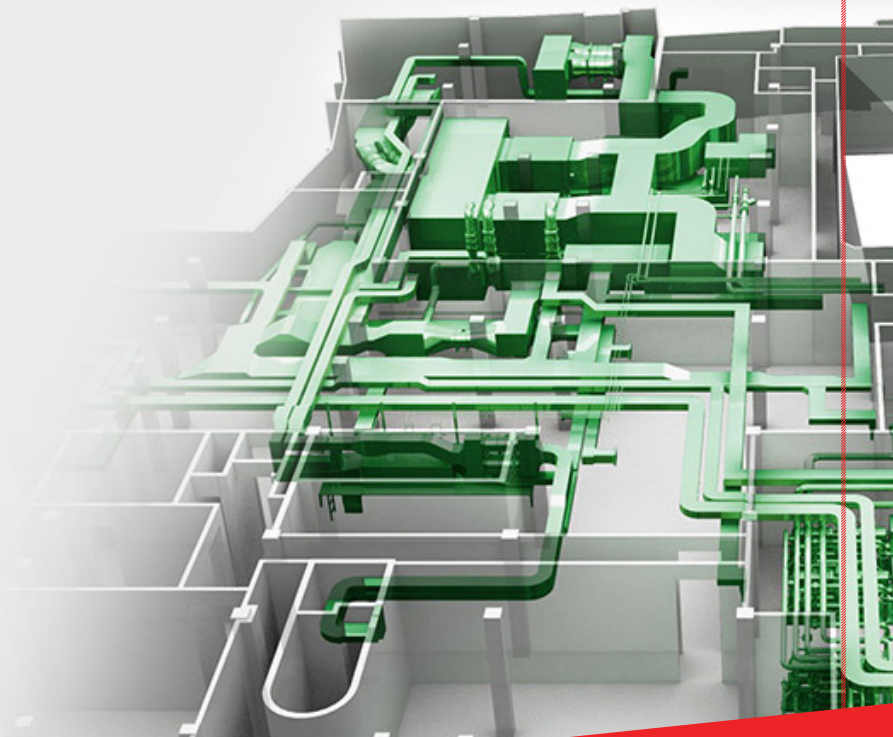
REVIT MEP

- Introduction to BIM & Autodesk
- Working with project units, sketch tools & modify
- Starting a System project
- Working with View templates
- Setting up spaces
- Heating & Cooling load analysis
- Working with system tools
- HVAC network creation & Chiller piping
- Plumbing network creation (Hot, cold & sanitary)
- Fire fighting system creation
- Duct, Pipe sizing
- Electrical system creation
- Creating drawing sheets templates
- Creating 3D views
- Linking CAD & Revit files
- Working with family files & parametric mechanical family creation
- AHU/FCU/PLUMBING fixture creation
- Collaboration with other disciplines in Revit
- Clash detection between other services
- Creating sheet views & title block creation
- Creating rendering views & walkthroughs



 **AUTODESK**

- CREATING BIM MEP MODEL FROM CAD SHOP DRAWING
- CREATING PARAMETRIC MECHANICAL FAMILY COMPONENTS
- TITLE BLOCK CREATIONS
- CREATING STANDARD ANNOTATION FAMILIES
- FINAL LOD 400 BIM DESIGN
- PROJECT TEMPLATE CREATION





CONTACT US

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