

Certificate in RevitMEP

A comprehensive BIM course focusing on Revit MEP for Mechanical (HVAC), Electrical, Plumbing, and Firefighting services design, 3D modeling, spatial coordination, and clash detection.

Duration 3 Months	Training Mode Offline Classroom Training	Certification Industry Certificate	Practical Labs 100% Hands-on
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Tools & Tech: Autodesk Revit MEP • Navisworks Manage • AutoCAD • BIM 360

Detailed Course Curriculum & Modules

MODULE 01 Introduction to BIM & Revit MEP Interface - Building Information Modeling (BIM) Concepts - Revit User Interface & Navigation - Linking Architectural & Structural Models - Setting Levels, Grids & Views	MODULE 02 Mechanical HVAC Modeling - Air Systems: Ducts, Fittings & Air Terminals - Mechanical Equipment Placement (AHU, Chillers) - Hydronic Piping Systems for Chilled Water - Duct Sizing & Pressure Drop Calculations in Revit
MODULE 03 Electrical Systems Design - Lighting Fixture Placement & Circuiting - Power Outlets, Switches & Distribution Boards - Cable Trays & Conduit Routing - Electrical Panel Schedules & Load Summary	MODULE 04 Plumbing & Fire Protection Systems - Domestic Water Supply Piping - Drainage, Waste & Vent (DWV) Piping - Sprinkler Heads & Fire Protection Layouts - Plumbing Fixtures & Pipe Slope Calculations
MODULE 05 Clash Coordination & Documentation - Interference Check & Clash Detection in Revit - Exporting NWC for Navisworks Coordination - Generating MEP Schedules & Quantity Takeoffs - Sheet Creation, Viewports & Title Blocks	MODULE 06 Practical Revit MEP Projects - High-Rise Commercial Building MEP Model - Multi-Specialty Hospital MEP Coordination - Complete BIM MEP Sheet Package

Practical Projects & Industry Capstones

- Industry Capstone Project
- Real World Case Studies

■ Industry Certification Authorized certificate verified globally via online portal.	■ 100% Placement Support Resume review, mock interviews, and recruiter connections.	■ Lab Access & Mentorship Dedicated workstation lab hours with expert guidance.
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