Autodesk Revit 2025: Fundamentals for MEP

Category: Design & Creative | **Vendor:** Autodesk

Duration: 4.00 hours (1 days) **3.3 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: vILT

Who Should Attend

Access to the 2025.0 version of the software, to ensure compatibility with this course. Future software updates that are released by Autodesk may include changes that are not reflected in this course. The practices and files included with this course might not be compatible with prior versions (e.g., 2024), This course introduces the fundamental skills you need to learn the Autodesk Revit MEP software. It is highly recommended that users have experience and knowledge in MEP engineering and its terminology., It is recommended that users have a standard three-button mouse to successfully complete the practices in this course.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course ObjectivesIntroduction to the Autodesk Revit software, including navigating the Revit interface.Starting an MEP project based on a linked architectural model and creating levels and grids as datum elements for the model.Understanding the project browser and working with views.Understanding Revit families and components.Working with the basic sketching and modifying tools.Copying and monitoring elements and coordinating linked models.Creating spaces so that you can analyze heating and cooling loads.Connecting and testing basic systems.Creating pipe systems with plumbing fixtures and pipes.Creating duct systems with air terminals, mechanical equipment, and ducts.Creating advanced HVAC and plumbing systems with automatic duct and piping layouts.Creating electrical circuits with electrical equipment, devices, and light fixtures and adding cable trays and conduits.Setting up sheets, and placing and modifying views on sheets.Working with dimensions, text, annotations, and legends.Adding tags and working with schedules.Setting up detail views and adding detail components., Course ObjectivesIntroduction to the Autodesk Revit software, including navigating the Revit interface.Starting an MEP project based on a linked architectural model and creating levels and grids as datum elements for the model.Understanding the project browser and working with views.Understanding Revit families and components.Working with the basic sketching and modifying tools.Copying and monitoring elements and coordinating linked models.Creating spaces so that you can analyze heating and cooling loads.Connecting and testing basic systems.Creating pipe systems with plumbing fixtures and pipes.Creating duct systems with air terminals, mechanical equipment, and ducts.Creating advanced HVAC and plumbing systems with automatic duct and piping layouts.Creating electrical circuits with electrical equipment, devices, and light fixtures and adding cable trays and conduits.Setting up sheets, and placing and modifying views on sheets.Working with dimensions, text, annotations, and legends.Adding tags and working with schedules.Setting up detail views and adding detail components., Course ObjectivesIntroduction to the Autodesk Revit software, including navigating the Revit interface.Starting an MEP project based on a linked architectural model and creating levels and grids as datum elements for the model.Understanding the project browser and working with views.Understanding Revit families and components.Working with the basic sketching and modifying tools.Copying and monitoring elements and coordinating linked models.Creating spaces so that you can analyze heating and cooling loads.Connecting and testing basic systems.Creating pipe systems with plumbing fixtures and pipes.Creating duct systems with air terminals, mechanical equipment, and ducts.Creating advanced HVAC and plumbing systems with automatic duct and piping layouts.Creating electrical circuits with electrical equipment, devices, and light fixtures and adding cable trays and conduits.Setting up

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Detailed Course Outline

Introduction to Revit, Introduction to Revit, Starting a Revit Project, Starting a Revit Project, Working with Views, Working with Views, Revit Families, Revit Families, Basic Sketching and Modify Tools, Basic Sketching and Modify Tools, Copy/Monitor Elements, Copy/Monitor Elements, Spaces, Spaces, Basic Systems Tools, Basic Systems Tools, Pipe Systems, Pipe Systems, Duct Systems, Duct Systems, Advanced Systems for HVAC and Plumbing, Advanced Systems for HVAC and Plumbing, Electrical Systems, Electrical Systems, Creating Construction Documents, Creating Construction Documents, Working with Annotations, Working with Annotations, Adding Tags and Schedules, Adding Tags and Schedules, Creating Details, Creating Details

Frequently Asked Questions

Q: What delivery options are available for Autodesk Revit 2025: Fundamentals for MEP?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day Autodesk Revit 2025: Fundamentals for MEP course provides up to 3.3 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Autodesk Revit 2025: Fundamentals for MEP training?

The training takes place over 1 day(s), with each day lasting approximately 4.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Autodesk Revit 2025: Fundamentals for MEP?

Yes, we provide corporate training, dedicated training, and closed classes for Autodesk Revit 2025: Fundamentals for MEP. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Autodesk Revit 2025: Fundamentals for MEP, Autodesk, vILT, Autodesk Revit 2025

Q: Why choose Nexus Human for Autodesk Revit 2025: Fundamentals for MEP?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Autodesk Revit 2025: Fundamentals for MEP training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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