

Autodesk Revit MEP - Essentials

Autodesk® Revit® software provides mechanical, electrical and plumbing (MEP) engineers with the tools to design even the most complex building systems. This course is the first day in the Revit MEP Essentials training series. During this first day, students will receive a basic overview of the Revit MEP interface and functions. Day two will cover Mechanical Essentials; Day 3 covers Plumbing Essentials; and Day 4 will review Electrical Essentials topics. Students can select one specific discipline day or up to all three additional days to complete the training series.

By the end of the course, students will understand how to set up a complete MEP building information model.

Who should attend?

New Autodesk Revit MEP users, users of AutoCAD MEP Autodesk software users who want to learn essential elements of Autodesk Revit MEP.

Prerequisites

No prerequisites for this course. Architectural design, drafting or engineering experience is recommended. However, no previous CAD experience is necessary. Students should have a working knowledge of the Microsoft Windows (7, 8.1, or 10) environment.

Questions?

Please call us at 800-336-3375 and ask to speak to our Training Coordinator.

Note:

To receive your certification of completion from Autodesk for this course you must complete the online evaluation form at <http://atcevaluation.autodesk.com/>

Course Outline

Overview

- Revit's User Interface
- Revit Families
- Element Properties
- Project Browser
- Views
- Copy/Monitor Link
- 3rd Party Add-Ins

Mechanical

- Zones
- Exporting Space Data
- GbXML for Load Calculations
- Supply Air Schedules
- Mechanical Equipment
- Systems
- Duct Sizing
- Drawing Ducts
- Duct Types
- Mechanical Fabrication Parts

Plumbing

- Plumbing Fixtures
- Linking Plumbing Fixtures to Architectural Model
- Mechanical Settings
- Systems
- Pipe Types & Systems
- Drawing Plumbing Pipe
- Parallel Piping
- Routing Preferences
- Fixture Units
- Sprinkler Heads
- Risers
- Annotation
- Plumbing Fabrication Parts

Autodesk Revit MEP - Essentials [CONTINUED]

Electrical

- Creating Electrical Views
- Electrical Project Settings
- Lighting Devices
- Panels
- Circuits & Systems
- Panel Schedules
- Switches
- Electrical Devices
- Wire
- Lighting Fixture Schedules
- Conduit & Raceways
- Parallel Conduit
- Routing Preferences
- Electrical Fabrication Parts