

Revit® 2021 Level I

Mechanical, Electrical, Plumbing

► Length

4 Days

► Cost

\$1,600 per person
(Dedicated group rates available)

► Level

Beginner

► Prerequisites

General computer and Windows experience, knowledge of terminology, systems, and workflows found in the mechanical, electrical, and plumbing disciplines.

► Who Can Benefit From This Class

MEP professionals actively using design and documentation software to produce 3D BIM, and 2D documentation

► Hours

9:00am - 4:30pm EST
with an hour lunch break

► Additional Information

This class comes with a 100% Satisfaction Guarantee, provides AIA/CES Continuing Education Credits (CEU's), and each student receives a certificate of completion. Please see our website for more information.

► CADD Community

As an exclusive benefit of training with us, you'll receive 12 months of access to the on-demand version of this class through the CADD Community. The interactive training content and resources are proven to help refresh your knowledge throughout the year.

DESCRIPTION

This hands-on, comprehensive class reviews design development, documentation, and analysis methods using Revit®. This class is designed to teach the mechanical/electrical/plumbing professional how to use Revit to create a Building Information Model (BIM), analyze that model, and then generate construction documents.

CONTENT

Overview

Building Information Modeling
Exploring the Interface
MEP Elements and Families
Starting a Project
System Browser
Spaces and Room Naming

Views and Visibility

Project Browser
Floor / Ceiling Plans, Sections, Callouts
Visibility / Graphics
Filters
View Templates
Phasing

Mechanical Standards

Settings

Mechanical Design

Air Terminals and Mechanical Equipment
Duct and Flex Duct
Duct Fittings and Accessories
Duct Color Fill Legends

Piping (Mechanical and Plumbing)

Plumbing Equipment and Fixtures
Pipes, Fittings, and Accessories

Electrical Standards

Settings
Load Classifications and Demand Factors

Electrical Design

Devices and Fixtures
Electrical Equipment
Panel Schedules and Circuiting
Wiring
Cable Tray and Conduit

Annotating

Text, Dimensions, Tags, Symbols
Schedules
Drafting Views
Revisions

Output and Collaboration

Printing
Worksharing

LEARNING PATH

Prerequisites

No previous course required



This Class



Future Training

Revit Level II: Families for MEP
Navisworks Level I: Essentials
Dynamo for Revit Level I: Essentials