

# Revit® 2021 Level I

## Mechanical, Electrical, Plumbing

- ▶ **Length**  
4 Days

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- ▶ **Cost**  
\$1,600 per person  
(Dedicated group rates available)

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- ▶ **Level**  
Beginner

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

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- ▶ **Who Can Benefit From This Class**  
MEP professionals actively using design and documentation software to produce 3D BIM, and 2D documentation

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

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- ▶ **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.

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- ▶ **CADD Community**  
As a benefit of training with us, you'll get 1 year of access to this class - PLUS all Autodesk classes - on-demand through the CADD Community. The interactive training content & resources are proven to help refresh 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