# Revit® 2019 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

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**This Class**

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**Future Training**
Revit Level II: Families for MEP
Navisworks Level I: Essentials
Dynamo Level I: Essentials