

## RM102: Revit MEP - Mechanical Fundamentals

<b>Course Length</b>	3 days
<b>Schedule</b>	9:00am – 4:00pm
<b>AIA CEUs or PDHs</b> <small>*where applicable</small>	21
<b>Price</b>	\$1195 per person

### Designed for

This course is designed for new users of the MEP tools in Revit.

### Prerequisites

It is highly recommended that students have experience and knowledge in MEP engineering and its terminology. It is also recommended that the student have a working knowledge of a recent version of Microsoft Windows.

### What you get

Students will get classroom access to the software and Autodesk Authorized Training courseware (these can be purchased in addition to the training) and the knowledge to get started with the MEP tools in Revit.

### Notes

The course length is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the students.

All courses will be taught on the most current release, depending on availability of courseware.

### Training Center Locations

Watertown, MA	Hauppauge, NY
Meriden, CT	Albany, NY
Portland, ME	Roanoke, VA
Greenville, PA	Chattanooga, TN

*Group rates and on-site training are also available.*

### Course Plan

This course is intended to introduce users to the Revit software's user interface and the mechanical components that make Revit a powerful and flexible engineering modeling tool. This course will also familiarize users with the tools required to create, document, and print the parametric model. The examples and practices are designed to take the users through the basics of a full MEP project from linking in an architectural model to construction documents.

### Topics Covered

- Working with the Revit's basic viewing, drawing, and editing commands.
- Inserting and connecting MEP components and using the System Browser.
- Creating spaces and zones so that you can analyze heating and cooling loads.
- Creating HVAC networks with air terminals, mechanical equipment, and ducts.
- Creating HVAC systems with automatic duct layouts.
- Testing duct systems.
- Working with linked Revit files and CAD files.
- Creating and annotating construction documents.
- Adding tags and creating schedules.
- Detailing in the Autodesk Revit software.

### For more information, please contact our main office:

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