

## AUTODESK REVIT MEP FUNDAMENTALS

**Course Length:** 8 Hrs

**Schedule:** 8:30am - 5:30pm

### Designed For:

This course is designed for MEP Engineering students and professionals

### Learning Objectives:

After completing this session you will be able to:

- ✚ Describe the Value of BIM for MEP Engineering
- ✚ Use Autodesk solutions from the perspective of MEP Engineering practitioners
- ✚ Maximize the value add of the Autodesk BIM 360 cloud-based offerings

### Prerequisites:

It is recommended that students have experience in the MEP engineering industry, as well as a working knowledge of Microsoft® Windows® 7 or 8.

### What you get:

Students will get Training Module and an industry-recognized Certificate of Completion.

### 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 products included in the current Autodesk® 2017 release.

### Course Description:

This training will cover recommended practices for using Autodesk solutions for the MEP engineering industry and associated workflows will be highlighted, including mechanical, electrical and plumbing system design and documentation, energy analysis and simulation, and multidiscipline coordination. These workflows will highlight the capabilities of Autodesk Revit, as well as Autodesk BIM 360 cloud based offerings and how they benefit mechanical, electrical and plumbing engineers, as well as energy analyst within the MEP engineering industry segment.

### Topics Covered:

- ✚ Collaboration across disciplines
- ✚ Energy Analysis
- ✚ Mechanical Design
  - ✚ Heating and cooling load calculations
  - ✚ Mechanical Equipment
  - ✚ Duct and Pipe Systems
  - ✚ Duct Annotation
- ✚ Electrical Design
  - ✚ Lighting Fixtures & Switches
  - ✚ Receptacles
  - ✚ Circuiting and Panelboards
  - ✚ Wiring
  - ✚ Panel Schedules
- ✚ Plumbing Design
  - ✚ Sanitary System
  - ✚ Domestic Water System
- ✚ Coordination and Documentation

For inquiries, please call or email:

**(02) 751-0939**

[inquiry@mscorp.com.ph](mailto:inquiry@mscorp.com.ph)

  
**maximum**  
SOLUTIONS CORPORATION

[www.mscorp.com.ph](http://www.mscorp.com.ph)

 **AUTODESK**  
Gold Partner