

# Revit MEP Advanced for Engineers



## Course Details:

**Duration:** 1 Day

**Prerequisite:** Revit MEP Fundamentals

**Courseware:** Included

**Achievement:** Certificate

**Time:** 9:00 a.m. -- 5:00 p.m.

## General Information:

**Locations:** All courses are offered online, on-site, or in-person at SolidCAD training facilities across Canada, including:

Burnaby, BC  
Calgary, AB  
Edmonton, AB  
Regina, SK  
Winnipeg, MB  
Richmond Hill, ON  
Ottawa, ON  
Toronto, ON  
Quebec City, QC  
Montreal, QC  
Hanwell, NB  
Halifax, NS

Alternatively, training can be conducted on-site for a specific client or at a 3rd party facility in any city or province

## Pricing, Registration &

**Scheduling:** Please contact our training coordinator at 1-877-438-2231 x227 or via email at [training@solidcad.ca](mailto:training@solidcad.ca)

## Complete course listing:

[www.solidcad.ca/training](http://www.solidcad.ca/training)



## Course Description:

Revit MEP Advanced for Engineers focuses on advanced topics of Revit MEP in the context of how a MEP Engineer would need to interact with a Building Information Model. Attendees will learn the advanced functions of Revit in preparing model for data analysis, running mechanical, electrical and energy analysis, inspecting their models, calculating mechanical parameters and exporting for other external parties for further investigation. Users also be presented with best practices used in the construction industry.

After completing this course, users will be comfortable navigating inherent data and systems in Revit model, and extracting quantifiable data relative to their mechanical design, in the context of a BIM model.

## Learning Objectives:

- Energy (Heating and cooling) Analysis
- Mechanical Analysis
- Exporting analysis to external software (gbXML)
- Preparing and manipulating data
- System and connection inspection
- Calculation, critical path and flow configuration

## Supplemental Learning:

- Revit MEP Family Creation
- Revit MEP Mechanical Fundamentals