

#### TRAINING LOCATIONS

**Synergis EduCast**  
Virtual  
Online

**Quakertown**  
18 South 5th Street  
Quakertown, PA 18951



## Autodesk Revit MEP Essentials for Mechanical Systems

**Course Description:** Autodesk Revit MEP Essentials for Mechanical Systems is the first of several courses offered through Synergis specifically created to introduce Mechanical Engineers, Designers, Drafters, and Detailers to a foundational knowledge on how Revit's powerful purpose-built Building Information Modeling (BIM) tools create and manage the Mechanical design of a building project. This three day course explores the basic workflow steps to create, modify, coordinate, and document your Mechanical Systems from start to finish.

**Prerequisites:** No previous CAD experience is necessary. However, mechanical design, drafting, or engineering experience is highly recommended. It is also recommended that the student have a working knowledge of Microsoft Windows. Applicable software includes Revit and Revit MEP.

|                   |                   |
|-------------------|-------------------|
| Length:           | 3 days            |
| Times:            | 8:30 AM - 4:30 PM |
| PDH Credit Hours: | 19.5 hours        |

[Request Quote](#)

## Representative Topics

- Introduction to BIM & Revit
- Starting a Revit Mechanical Project
- Adding Spaces and Zones
- Creating Mechanical Duct Systems
- Checking, Editing, & Coordinating Mechanical Systems
- Annotating your Mechanical Design
- Creating Sheets and Viewports
- Exploring the Revit Interface
- Introduction to Worksets
- Introduction to Revit Mechanical Systems
- Creating Mechanical Pipe Systems
- Working with Views
- Detailing your Mechanical Design
- Using Revisions

The suggested course duration is a guideline. Course topics and duration may be modified by the instructor based upon the knowledge and skill level of the course participants. Cancellation/Rescheduling Fee of 25% of the Daily Rate per Student will be assessed for anyone canceling or rescheduling a Synergis Training Class without at least 14 days notice. If applicable, the Cancellation or Rescheduling Fee will be invoiced to you automatically. Classes are confirmed based on the number of students registered and therefore cancellations and rescheduling of classes may affect other customers. Please be sure that you can attend the class dates for which you are registering when you submit your order.