

#### TRAINING LOCATIONS

**Synergis EduCast**  
Virtual  
Online

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



## AutoCAD MEP Mechanical Essentials

**Course Description:** This course provides comprehensive AutoCAD MEP training on how to design, model, and make construction documents for HVAC systems. The hands-on exercises teach students how to lay out systems from schematic design through the design development and project construction documentation phases.

**Prerequisites:** This course requires a working knowledge of a recent version of AutoCAD Architecture or AutoCAD in addition to drafting, design or engineering experience

Length:	1 day
Times:	8:30 AM - 4:30 PM
PDH Credit Hours:	6.5 hours

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## Representative Topics

- Determine energy requirements for engineering spaces.
- Create an HVAC system with single line ducts, ductwork, and fittings.
- Create construction documents
- Create and annotate schematic diagrams.
- Size ductwork systems.

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.