

AutoCAD MEP – Mechanical

This course provides new users with essentials-level training in AutoCAD® MEP. Students will learn recommended workflows and fundamental skills required to navigate AutoCAD MEP and use its tools to create and modify HVAC and piping systems. Given a complete architectural building model, students will be able to add HVAC systems, as well as extract 2D drawings for construction documents.

After completing this course, students will be proficient in using AutoCAD MEP tools and resources to increase MEP drafting productivity.

Who should attend?

The target audience for this class includes designers, CAD managers, and drafters at MEP engineering firms.

Prerequisites

Experience with AutoCAD software and basic knowledge of MEP engineering processes and terminology is required. Prior completion of AutoCAD Projects and Tools Essentials recommended. Students should have a working knowledge of the Microsoft Windows (7, 8.1, or 10) environment.

Questions?

Please call us at 800-336-3375.

Course Outline

AutoCAD MEP Overview

- Starting up an MEP Project
- Creating a HVAC Spaces and Zone
- Exporting and Importing to/from GBXML
- Laying out Mechanical and Piping Equipment
- Laying out HVAC Supply and Return Systems
- Sizing Ducts
- Laying out Piping Systems
- Adding Tags and Annotations
- Creating Sections and Elevations
- Creating Schedules
- Creating HVAC and Piping Floor Plans Layouts
- Creating Details and Callouts
- Creating Legends
- Importing and Exporting to AutoCAD
- Creating Project Template
- MEP Settings