

AutoCAD MEP – Plumbing

In this course, students learn the recommended workflows and fundamental skills required to navigate AutoCAD MEP and use its tools to create and modify plumbing and fire protection systems. Given a complete architectural building model, students will be able to add plumbing systems, as well as extract 2D drawings for construction documents.

Who should attend?

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

Prerequisites

Before taking this course, students should have in-depth knowledge of AutoCAD features and functionality, and have experience with MEP engineering processes and terminology. Microdesk recommends completing AutoCAD Projects and Tools Essentials prior to taking this one. Students should have a working knowledge of the Microsoft Windows (7, 8.1, or 10) environment.

Questions?

Please call us at 800-336-3375 and ask to speak to our Training Coordinator.

Note:

To receive your certification of completion from Autodesk for this course you must complete the online evaluation form at <http://atcevaluation.autodesk.com/>

Course Outline

Getting Started

- Attaching Architecture Drawings to MEP Drawings
- Laying out Plumbing Fixtures
- Creating Sanitary Systems
- Creating Cold and Hot Water Systems
- Sizing Plumbing Systems
- Layout Out Sprinklers
- Creating Fire Protection Systems
- Adding Tags and Annotations
- Creating Sections and Elevations
- Creating Schedules
- Creating Plumbing Floor Plans Layouts
- Creating Details and Callouts
- Creating Legends
- Importing and Exporting to AutoCAD
- Creating Project Template
- MEP Settings