
AutoCAD MEP

2 Days
16 AIA/CES



Course Description

Designed to teach the fundamentals of working with AutoCAD MEP, this hands-on course is intended to teach students about the necessary tools, concepts, and workflows used when working with AutoCAD MEP.

The doors open at 8:45 a.m. Class begins at 9:00 a.m. and ends at 5:00 p.m. with two fifteen minutes breaks and a one hour lunch. We have bagels and coffee served in the morning upon arrival. A book and a certificate of completion are included in this fee.

Objectives

The primary objective of this course is to teach students the basic skills necessary to become proficient with creating and editing parts and assemblies using Autodesk Inventor.

After completing this course, students should be able to:

- Navigate within the AutoCAD MEP user interface
- Use the fundamental features of AutoCAD MEP
- Understand the basics of content creation
- Utilize the documentation and coordination tools

Who Should Attend

This course is designed for new users of Autodesk Inventor.

Prerequisites

Before attending this course, students should have a working knowledge of the following:

- Drafting, design, or engineering
- Microsoft Windows

Course Outline

Introduction and Methodology

- The User Interface
- Concepts of AutoCAD MEP
- Project Navigator for MEP

Working with MEP Objects

- Energy Analysis
- Mechanical Systems
- Piping Systems
- Electrical Systems Layout
- Conduit Systems

Content and Display

- Content Creation - Styles
- Content Creation - Equipment
- Content Creation - Parametric Fittings
- Display System

Documentation and Coordination

- Sections
- Managing Updates and Interference Detection
- Annotation, Property Sets, and Schedules

Note: 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 participant