

AUTOCAD MEP ADVANCED

Prerequisite: Working knowledge of a Windows OS and the basics of AutoCAD
Available Times: 1 day, 9:00am-5:00pm

OBJECTIVE

This course provides a comprehensive look at the advanced aspects of AutoCAD MEP and the many ways to create content. Attendees learn how to convert existing 3D blocks to equipment, get a thorough look at styles and the Style Manager, as well as review best practices for using the Parametric Wizard. The class concludes by providing the student a fundamental understanding of property sets, tags, labels, and schedules.

TOPICS INCLUDE

CONTENT CREATION—STYLES This portion of the class will focus on the Style Manager and the multi-view functionality of style-based content, including system definitions, rise / drop styles, style-based content categories, part group definitions, custom fitting styles, and line / wire styles.

CONTENT CREATION—EQUIPMENT Attendees learn the commands for creating unique equipment using the Multi-View Part Convert and Content Builder, as well as how to customize Block-based equipment.

CONTENT CREATION—PARAMETRIC FITTINGS In this section, the class continues working with the Content Builder and learns how to create parametric fittings and workplanes, define parameters, create formula-based parameters, edit parameters, and create constraints.

DISPLAY SYSTEM Attendees take a deeper look at the Display System and its many nuances by further exploring Display Representations, Display Sets, and Display Configurations, thus leveraging the potential of this powerful tool.

ANNOTATION, PROPERTY SETS, AND SCHEDULES Attendees learn how to create and use custom property sets, work with tags, schedules, and labels, how to centralize annotation content, and how to create tool palette tools.

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