

Duration | 2 Days

Description:

This courseware is designed for the new AutoCAD® MEP user who requires comprehensive training in the Plumbing module. It incorporates the features, tools, and techniques for creating and editing plumbing designs with AutoCAD MEP. This course will also train AutoCAD MEP users who want to learn how to design, model, and make construction documents for a piping system used in commercial, institutional, and waste water environments. Hands-on exercises throughout the courseware explore how to create 3D production drawings while designing in 2D.

Prerequisites:

Knowledge of plumbing terminology and some knowledge of AutoCAD.

Objectives:

The primary objective of this courseware is to teach the student the basic functions necessary for professional 2D drawing, design, and drafting using AutoCAD MEP.

Upon completion of the course, the student will:

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

Course Outline:

Designing an HVAC Plan and Analyzing Energy Requirements

- Creating an HVAC Plan using AutoCAD MEP
- Creating Engineering Spaces
- Specifying Design Criteria
- Analyzing Engineering Data

Working with Schematic Drawings

- Adding and Modifying Schematic Symbols and Lines
- Annotating a Schematic Diagram

Creating an HVAC System

- Adding HVAC Equipment
- Adding Single Line Duct
- Adding Rigid Ductwork and Fittings
- Connecting Equipment/Air
- Terminals to Ducts
- Sizing Ductwork Systems

Training Facilities

Virginia Beach, VA
Richmond, VA
Roanoke, VA

Inlet Technology

192 Ballard Court
Suite 306
Virginia Beach, VA
23462

Ph: 757.496.2323
Fax: 757.496.2424

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Creating Construction Documents

- Checking for Conflicts
- Annotating a Mechanical System
- Working with Schedules
- Creating Plot Sheet
- Sets/Sheet Sets
- Publishing to 3D DWF

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Inlet Training Class Registration Form



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Customer Information

Company _____
Address _____
City _____ State _____ Zip _____
Primary Contact _____
Telephone _____ eMail _____

Training Class Information

Class Name _____
Class Start Date _____ Duration (# of days) _____
Student 1 _____ eMail _____
Student 2 _____ eMail _____
Student 3 _____ eMail _____
Student 4 _____ eMail _____
Student 5 _____ eMail _____
Student 6 _____ eMail _____
Student 7 _____ eMail _____
Student 8 _____ eMail _____
Student 9 _____ eMail _____
Student 10 _____ eMail _____

Payment Information

CREDIT CARD

Type (Circle One) Visa Mastercard American Express
Credit Card Number _____
Expiration Date _____ 3-4 digit Verification Code _____
Name on Card _____ Amount to be Charged \$ _____
Billing Address _____

CHECK

Check Number _____ Amount \$ _____

PURCHASE ORDER

PO Number _____ Amount \$ _____
Purchasing Contact _____ Telephone _____
e-Mail _____

NOTE: Please fax copy of PO with Registration Form