

Duration | 1 Day

Description:

This courseware is designed for the AutoCAD® MEP user who wants to learn how to design, model, and make construction documents of electrical distribution systems used in commercial buildings. This courseware uses hands-on exercises to teach students how to design and draw electrical lighting and power systems and how to turn them into quality construction documents using AutoCAD MEP.

Prerequisites:

Knowledge of electrical terminology and some knowledge of AutoCAD.

Objectives:

The primary objective of this courseware is to teach the student the basic tools and techniques necessary for professional electrical layout using AutoCAD MEP.

Upon completion of the course, the student will:

- Use AutoCAD MEP Electrical tools such as snaps, compass, palettes, part catalogs, and tooltips.
- Create lighting plans with ceiling grids, lighting and power devices, panels, wiring, and electrical equipment.
- Add electrical and panel schedules.
- Create schematic drawings.
- Add cable trays and conduit.

Course Outline:

Using AutoCAD MEP to Design an Electrical Plan

- Creating an Electrical plan using AutoCAD MEP Schematic Symbols and Lines

Working with Lighting Plans

- Adding Devices and Panels
- Adding Wiring

Managing and Reporting Circuits

- Electrical system Definitions and Demand Factor Styles
- Modifying Devices, Equipment, and Panels
- Using the Circuit Manager
- Creating Circuits across Multiple Drawings
- Adding Panel Schedule

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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Adding Electrical Equipment

- Adding Electrical Equipment
- Adding Cable Trays and Conduit

Annotating, Scheduling, and Printing an Electrical Plan

- Adding Tags and Labels
- Adding Electrical Schedules
- Printing an Electrical Plan

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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