

Duration | 2 Days

Description:

This class is designed to teach students how to use Revit MEP for the creation of Electrical systems. Students will also learn how to schedule and annotate their designs to create construction documents.

Prerequisites:

Revit MEP Fundamentals.

Objectives:

Students will learn the skills necessary to develop Electrical system designs that are integrated with their Architectural model allowing for better coordinated construction documents. They will learn to use the tools in Revit MEP to make their designs and drafting processes more efficient and accurate.

Course Outline:

Settings and Views

- Establishing defaults for Electrical systems
- Creation of Views for Electrical systems models

Lighting Systems

- Placing Light Fixtures
- Adding parameters to -xtures for scheduling
- Using schedules for lighting analysis

Power and Communication Systems

- Placing Receptacles
- Adding parameters for scheduling and callouts
- Symbol relationships to model elements

Electrical Equipment

- Placing Electrical Equipment
- Creating Distribution Systems between equipment

Circuiting

- Creating circuits for Lighting
- Creating circuits for Power
- Managing circuits in panels

Schedules and Sheets

- Using System Browser for model analysis
- Interference checking between model elements
- Creating Schedules
- Annotation of Views
- Creating Sheets

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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Building Site Tools

- Importing Vector and Raster Data
- Linking Projects
- Site Plans and Topo Surfaces
- Working with Site Tools and Site Components

Advanced Rendering Techniques

- Creating a Rendered Image
- Creating Realistic Presentations
- Rendering Interiors

Phasing and Design Options

- Designing in Phases
- Using Design Options

Extracting Information

- IFC and ODBC Databases Export
- Running and Interference Check

Parametric Components

- Creating and Using In-Place Families
- Creating and Modifying Parametric Families
- Creating Nested Families
- Using Component Groupings

Creating Custom Designs

- Creating Complex Roofs
- Creating Complex Stairs
- Creating Structural Systems

Autodesk Revit Worksharing

- Managing Project Sharing with Worksheets
- Managing Workset and Multiple Users
- Managing Revisions

Construction Documentation

- Working with Rooms
- Working with Legends and Keynotes

Importing, Exporting, and Linking Files

- Importing and Exporting
- Working with Revit Architecture Linked Files

Design and Analysis

- Project Collaboration
- Sun Studies

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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