

Using Civil 3D to meet LEED-ND



Duration | 1 Day

Description:

LEED certification is becoming increasingly important as the industry moves towards more sustainable design practices. Join us as we dig into the details of various LEED-ND credit requirements and demonstrate how you can use AutoCAD Civil 3D to meet submittal requirements. We'll look at applying the out-of-the-box features of AutoCAD Civil 3D in novel ways to extract pertinent information from your design model.

Prerequisites:

In-depth knowledge of essential Civil 3D features and functionality and a working knowledge of Windows Operating System

Objectives:

Upon completion of the course, the student will:

- Analyze the location of a potential building site, perform building orientation and grading, identify hazards within the project area and determine the necessary remediation.
- Use Map 3D and Google Earth to analyze a stream near a project site and use a Civil 3D corridor to model a stream restoration design.
- Model corridors to avoid wetlands, design detention ponds and stormwater conveyance channels.

Course Outline:

Land Development

- Site Selection
 - Analyzing Surrounding Areas for Site Selection
 - Performing Proximity Analysis for Site Selection
 - Analyzing Soil Types for Site Selection
- Creating a Sustainable Grading Design
- Adjusting Building Properties
- Analyzing Parking Footprints
- Analyzing Soil Contamination

Environmental

- Analyzing Streams
- Designing Stream Restorations

Transportation

- Modeling Corridors to Avoid Wetlands
- Designing Detention Ponds
- Designing Stormwater Conveyance Channels

Tools for LEED

- Civil 3D
- Map 3D
- Google Earth

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

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