

Hydraflow Extensions for Civil 3D



Duration | 1 Day

Description:

The Hydraflow extensions enable you to perform necessary storm sewer design and analysis tasks in civil and environmental engineering. They add important technologies to the Autodesk civil engineering solution, enabling engineers to address a crucial part of their workflow and obtain higher value from design information for predicting project performance.

Prerequisites:

Before starting this course, students should have a working knowledge of AutoCAD Civil 3D and Hydraulics & Hydrology principles and processes.

Objectives:

The primary objective of the course is to familiarize students with the concepts and applications of the essential functions of the Hydraflow storm sewer extensions included with AutoCAD Civil 3D.

Upon completion of the course, the student will:

- Create watershed analysis and detention pond design, storm sewer design and analysis as well as solve hydraulics and hydrology problems for culverts, channels, inlets and weirs.

Course Outline:

Civil 3D & Map Integration

- Data Management
- Data Utilization

Hydraflow Hydrographs Extension

- Setup
 - IDF Curves
 - Event Manager
 - Design Storms
- Hydrographs
 - Rational
 - Modified and Dekalb Rational
 - SCS
 - Combining Hydrographs
- Channel Routing
- Detention Ponds
- Storage Options
- Discharge Options
- Interactive Pond Designer
 - Interconnected Ponds
 - Diverting Hydrographs
- Pond Routing
- Reports

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