CI2416-L: Row, Row, Row Your Boat: Autodesk® AutoCAD® Civil 3D® River and Flood Extension Workflows

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Class summary

Learn the ins and outs of the River and Flood Extension for Autodesk AutoCAD Civil 3D 2014 software. Prepare and model a floodplain, levee, and bridge system with Autodesk® Infrastructure Design Suite Ultimate. Join us in this hands-on lab to learn the River and Flood Extension for preparing design analysis of river systems.

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Key learning objectives

At the end of this class, you will be able to:

- Use the River and Flood Analysis Extension for Infrastructure Design Suite Ultimate

- Model bridges for analysis

- Identify floodplain and levee design

- Simulate storm events and visualize flooding conditions

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Exercise 1:
Configure River Analysis for Cross Sections

Exercise 2:
Cutting Cross Sections

Exercise 3:
Cross Section 1 Data

Exercise 4:
Define the Project Flows & Computer Analysis

Exercise 6:
Results Output Report

Exercise 7:
Automated Cross-Sections

Exercise 8:
Import the HEC-RAS Project

Exercise 9:
Review Sections