

Piping Design in Civil 3D®

This Piping Design class will teach the student how to take advantage of the piping features available in Civil 3D. Students will learn how to create pipe networks, apply pipe rules, modify pipe designs, and develop pipe structures and label styles.

Prerequisite: Civil 3D Essentials course, equivalent experience, or instructor approval required.

Course Length: 1 day

Creating a Pipe Network

- Creating a pipe network from a polyline
- Creating a pipe network by layout
- Adding parts to a pipe network

Changing Pipe Network Properties

- Adding parts to the parts list
- Changing the surface, alignment, and rules configuration
- Adding a branch to a pipe network

Viewing and Editing Pipe Networks

- Drawing pipe network parts in a profile view
- Adding labels to pipe network parts
- Editing pipe network parts in a profile view
- Overriding the style of a pipe network part in a profile view
- Viewing pipe network parts in a section view
- Creating pipe and structure tables

Analysis

- Sizing Pipes using Storm Sewer Extension
- Design and analysis using SSA

Register Today

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