

Advanced Corridors & Assemblies in Civil 3D®

This class takes users beyond Civil 3D's out-of-the-box capabilities by exploring advanced corridor modeling techniques and the creation of custom subassemblies. Attendees will learn how to design complex intersections, tackle non-standard design conditions, and build assemblies that solve real-world engineering challenges that standard tools can't address.

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

Course Length: 2 days

Topics Covered:

- Modeling advanced corridor scenarios, including multi-leg intersections and variable-width designs
- Strategies for managing complex baselines, targets, and corridor regions
- Creating custom subassemblies using Subassembly Composer
- Incorporating conditional behavior and advanced parameters into assemblies
- Handling unique design constraints such as sidewalk transitions, custom ditch sections, or grading tie-ins
- Troubleshooting corridor geometry and optimizing performance
- Best practices for organizing assemblies, codes, and workflows for reuse

Register Today

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