Civil 3D Corridors

2 days* | 8:30am - 4:30pm

Civil 3D Advanced: Corridor Workflow is designed for Civil Engineers and Designers who want to learn the workflow involved with designing and working with corridor models in Civil 3D. This course takes a deeper look into Alignment and Profile design, as well as a more advanced approach to designing Assemblies for your model. Students will complete these tasks before sampling data and creating the cross section views. Students will learn how to create appropriate cross section template sheets, and use those sheets to produce the end results. This course will also look into another valuable Civil 3D asset in visualization of the Corridor Model, and Quantity Take-Off procedures.

Prerequisite: Completed Civil 3D Fundamentals course.

Alignments

About Alignments, Alignment Design, Drafting Alignments, Alignment Tools, Offset Alignments, Alignment Reporting Tools

Profiles

About Profiles, Profile Design, Drafting Profiles, Profile Tools, Profile Reporting Tools

Assemblies

About Assemblies, About Sub-Assemblies, Creating Assemblies, Modifying Sub-Assemblies, Special Condition Sub-Assemblies, Assembly Offsets

Corridors

About Corridors, Corridor Design, Corridor Targets and Frequencies, Corridor Surfaces, Corridor Modifications, Corridor Intersections, Cul-de-Sacs, Knuckles, and Roundabouts, Corridor Special Conditions, Corridor Tools

Cross Sections

About Cross Sections, Data Sampling, Cross Section View Options, Cross Section Labeling Options, Cross Section Sheet Creation

Analyze and Take-Off

Corridor Visualization, Corridor Surface & Material Volume Calculation, Corridor Staking, Surface Finalization

What students are saying about our courses:

"I loved how the instructor focused the materials to our needs and uses. Great course!" *- Matthew Crockett, Aquaterra Environmental Solutions*

"The instructor was very knowledgeable and ensured everyone grasped the concepts before moving on. He answered all questions even if they were outside the scope of the class. Great Job!" *- Vern Howard, Honeywell FM&T*

* The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.