

Technical Education Services

Autodesk Civil 3D: Tips, Tricks, and Updates

Course Length: 1 day

This class will cover the updates and enhancements from Autodesk Civil 3D versions 2018 through 2021. We will also review the many overlooked tools and workflows that can enhance your work environment and increase your efficiency as an Autodesk Civil 3D user. Topics covered include AutoCAD and MAP functionality many users may not know exist, as well as some best practices with common Autodesk Civil 3D tools.

Topics Covered

- Review Autodesk Civil 3D software upgrades and beneficial user enhancements
- Implement many of the tips and tricks in daily tasks
- Utilize various methods to expedite workflows
- Increase efficiency in the Autodesk Civil 3D environment

Prerequisites

Autodesk Civil 3D: Fundamentals or equivalent experience.

Course description shown for Autodesk Civil 3D 2021. Topics, curriculum, and/or prerequisites may change depending on software version.



Training Guide Contents

Chapter 1: 2018 - 2021 Updates

- Create Connected Alignments
- Create Offset Profiles
- Design Profiles in multiple directions
- Create a Fixed Vertical Curve with a high/low point
- Review New Subassemblies and add to palettes
- Use Multiple Dynamic Baselines in a Corridor
- Create Road Rehab Corridors
- Update Section View Layouts
- Review New Rail functionality
- Review New Pressure Parts Enhancements
- Analyze Gravity Networks with new command
- Review enhancements to Data reference commands
- Review Software Collaboration Enhancements

Chapter 2: Working with the Software

- Zoom to options
- Find your work locations
- Use Inquiry Tools
- Use Named Views and In-Canvas Controls
- Use Select Similar and Selection Cycling
- Crop a Surface
- Work with Boundaries
- Extract Data from Civil Objects
- Manipulate Parcel Closure
- Keep your corridor small

Chapter 3: Working with Labels

- Work with Stacked text vs. As composed
- Control Component order
- Add Expressions
- Create Cut/Fill Surface Labels
- Analyze a Volume Surface

Chapter 4: Working with Connected Data

- Repair Broken References
- Work with the Reference Manager
- Work with Underlays

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Chapter 5: Sharing Data

- Import and Export with LandXML
- Export to Civil 3D Drawing
- eTransmit files
- Export to SDF

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Cancellation Policy

The following cancellation policy shall apply to all training engagements, Live Online, Consulting Services and Dedicated/Custom Training:

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To request more information or to see training locations, visit www.imaginit.com/contact-us.

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