Advanced Field to Finish – Perfecting Coding & Creating Linework

A Virtual Webinar Using Carlson Software – Learn to Perfect Coding and Create Linework

This advanced Carlson Software webinar demonstrates how to perfect Field-to-Finish workflows by standardizing field codes, creating and populating FLD files and generating automated linework. It builds on the basics of point coding to show efficient methods for coding, symbol management and drawing 2D/3D polylines directly from survey data.

Key Topics:

- Populating and cleaning FLD files from point data
- Standardizing field descriptions and coding syntax
- Using special codes for linework, curves and offsets
- Managing layers, symbols and line types
- Automating 2D and 3D polyline creation

Descriptions, transcripts and other details of this recording have been AI-generated and may contain errors.

This session was presented by Jennifer DiBona on 09/26/2018.

Features of Carlson Survey & Civil – Setting Points and Stakeout

A Virtual Webinar Using Carlson Software – Learn to Set Points for Stakeout

This webinar demonstrates how to use Carlson Survey and Carlson Civil to create, manage and stake out points efficiently. It covers field-to-finish workflows, point defaults, creating points from entities, interpolating points and generating offset or spot-elevation data for design and construction projects.

Key Topics:

- Field-to-Finish and FLD file integration
- Point Defaults and Layer Management
- Creating Points from Entities (COGO tools)
- Interpolation and Offset Commands
- Dynamic Spot Elevations linked to surfaces

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This session was presented by Jennifer DiBona on 11/20/2018.

Overview of SurvCE & SurvPC and the Carlson Cloud

A Virtual Webinar Using Carlson SurvCE and SurvPC – Learn to Manage Field Data

This webinar provides a detailed overview of Carlson's field software—SurvCE and SurvPC—and demonstrates how they integrate with the Carlson Cloud for data sharing. Presenter Jeremy Taylor walks through configuration, setup and practical field workflows for surveyors using both total stations and GPS equipment.

Key Topics:

- Overview and comparison of SurvCE and SurvPC
- Job setup, configuration and data management
- Equipment setup for total stations and GPS
- Feature coding, field-to-finish and stakeout workflows
- Using Carlson Cloud for file transfer and collaboration

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This session was presented by Jeremy Taylor on 06/12/2018.

Advanced Carlson Hydrology & P3D

A Virtual Webinar Using Carlson Software – Learn Advanced Hydrology and P3D Workflows

This webinar, hosted by That CAD Girl and presented by Mark Long of Carlson Software, explores advanced techniques in Carlson Hydrology and Precision 3D (P3D). It demonstrates how to integrate watershed modeling, storm drainage design and 3D visualization for efficient civil engineering workflows.

Key Topics:

- Carlson Hydrology fundamentals and watershed layer setup
- Precision 3D (P3D) integration for stormwater design
- Surface modeling, runoff coefficients and drainage networks
- Use of LIDAR and Google Earth data for terrain modeling
- Workflow between CAD-based hydrology and 3D visualization

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This session was presented by Mark Long on 07/24/2018.

Advanced Carlson Hydrology

A Virtual Webinar Using Carlson Software – Learn to Advance Hydrology Design

This advanced Carlson Hydrology webinar, presented by Mark Long and hosted by That CAD Girl, walks users through practical stormwater and utility network design workflows in Carlson Civil and Hydrology. The session covers setup, configuration and design of storm, sanitary and water networks using real subdivision examples.

Key Topics:

- Carlson Hydrology module overview and setup
- Storm drainage design workflow and automation
- Sanitary sewer and utility network creation
- Surface models, rainfall data and watershed setup
- Profile drawing and conflict checking

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This session was presented by Mark Long on 09/10/2020.

2016 Virtual Workshop Session #1-6: Survey & GIS

A Virtual Workshop Using Carlson Survey – Learn Building Pad Elevations

This session of the Surveying GIS Virtual Workshop focuses on transforming 2D CAD drawings into 3D models for use in surveying, construction stakeout and model building. It provides step-by-step demonstrations of Carlson Software tools for elevating, labeling and cleaning up engineering drawings to prepare accurate 3D surfaces.

Key Topics:

- Converting 2D entities to 3D using Carlson Civil tools
- Elevating building pads, curbs and contours
- Cleaning and preparing engineering drawings for modeling
- Managing layers, blocks and Civil 3D/Land Desktop data
- Creating working drawings and exporting surfaces

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This session was presented by Jennifer DiBona on 05/17/2016.

2016 Virtual Workshop Session #1-5: Survey & GIS

A Virtual Workshop Using Carlson Survey – Learn Field-to-Finish Configuration

This session of the Survey and GIS Virtual Workshop provided a detailed walkthrough of Carlson Software's Field to Finish functionality, led by Scott Griffin. The presentation demonstrated how to automate drawing creation from field data, manage codes and integrate 3D elements, pipes and GIS attributes within Carlson Survey.

Key Topics:

- Carlson Field to Finish setup and workflows
- Code tables, special codes and feature types (Tree, Pipe, Topo)
- Creating 3D trees, pipes and curb templates
- Generating tree legends, SEW files and 3D PDFs
- Importing and converting PDF files using CADnet

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This session was presented by Scott Griffin on 05/17/2016.

2016 Virtual Workshop Session #1-4: Survey & GIS

A Virtual Workshop Using Carlson SurvCE and SurvPC – Learn Field Software Setup

This virtual class, hosted by That CAD Girl and presented by Jeremy Taylor, provides a comprehensive overview of Carlson's field software—SurvCE and SurvPC—and demonstrates practical workflows for survey data collection, cloud file sharing and GPS/localization setup. The session also covers integration with Carlson Survey desktop software and best practices for efficient field-to-office coordination.

Key Topics:

- Differences between SurvCE and SurvPC
- Using Carlson Cloud for file transfer and collaboration
- Job setup, configuration and data management
- Integration with total stations and GPS rovers
- Working with CAD files and alignments in the field
- Ground vs. grid coordinate handling and localization

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This session was presented by Jeremy Taylor on 05/17/2016.

2016 Virtual Workshop Session #1-3: Survey & GIS

A Virtual Workshop Using Carlson Precision 3D Topo – Learn Supported Surface Data

This session of the Survey and GIS Virtual Workshop features a demonstration of Carlson Software's Precision 3D Topo, led by Nathan Cruise. The presentation showcases surface editing, visualization, field-to-finish workflows and 3D modeling capabilities for survey and design professionals.

Key Topics:

- Precision 3D Topo features and workflows
- Surface editing and visualization tools
- Field-to-finish automation and 3D modeling
- Importing and managing survey data
- Auto texturing and presentation tools

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This session was presented by Nathan Crews on 05/17/2016.

2016 Virtual Workshop Session #1-2 – Survey & GIS

A Virtual Workshop Using Carlson Survey – Learn Raw Files and Coordinates

This Carlson Survey training session, led by Jeremy Taylor and hosted by That CAD Girl, provides a detailed walkthrough of traverse adjustment workflows using Carlson Survey's raw data editor and processing tools. The session also covers creating cut sheets for construction staking and introduces least squares adjustments and SurvNet integration.

Key Topics:

- Traverse adjustment and raw data processing in Carlson Survey
- Angle balancing, compass and least squares adjustments
- Cut sheet creation for construction staking
- Integration with SurvCE and SurvNet

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This session was presented by Jeremy Taylor on 05/17/2016.