All About Carlson Hydrology

A Virtual Webinar Using Carlson Hydrology – Learn to Design Storm Sewers with Rational and SCS Methods

This webinar features Mark Long of Carlson Software walking through setup and design workflows in Carlson Hydrology, starting in the Carlson 2015 beta on IntelliCAD 8 and finishing in Carlson 2014 on AutoCAD. It covers hydrology libraries, Rational and SCS methods, storm sewer network design with HGL checks, detention ponds and custom sewer reports.

Key Topics:

- Carlson Hydrology 2015 update and IntelliCAD 8.0 preview
- Setup of hydrology libraries and settings (rainfall, inlet, pipe and structure libraries)
- Using Rational and SCS methods for stormwater analysis
- Sewer network setup, design automation and hydraulic grade line (HGL/EGL) analysis
- Detention pond design, watershed layers and drainage area management
- Reporting and profile drawing tools

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

This session was presented by Mark Long on 06/10/2014.

Introduction to Carlson Civil & Hydrology

A Virtual Webinar Using Carlson Civil and Hydrology – Learn Surface, Grading and Volume Workflows

This webinar presented a detailed introduction to Carlson Civil and Hydrology software, led by That CAD Girl, Jennifer DiBona. The session guided participants through drawing setup, layer management, annotation tools, surface modeling, road design and storm sewer basics inside Carlson's CAD environment.

Key Topics:

- Drawing templates, configuration and default settings
- Layer libraries and National CAD Standards
- Auto Annotate and labeling techniques
- Surface creation and contouring
- Road Network design workflow (profiles, templates, quantities)
- Storm Sewer setup and hydrology design features

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This session was presented by Jennifer DiBona on 05/15/2014.

Intro to Field to Finish with Carlson Survey and SurvCE or SurvPC

A Virtual Webinar Using Carlson Survey – Learn Field to Finish Coding Workflows

This webinar provides an in-depth demonstration of Carlson Survey's "Field to Finish" system for automating survey data processing—from importing and coding field points to generating linework, symbols and layers. It walks users through code definitions, point-layer management and live exercises that model typical field-to-office workflows.

Key Topics:

- Overview of Field to Finish concepts in Carlson Survey
- Creating and editing FLD (field code) files
- Layer management and point group automation
- Linework coding, special codes (begin/end, curves, offsets, multi-codes)
- Using Substitution codes and size attributes
- Integrating SurvCE/SurvPC data collection with office processing

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This session was presented by Jennifer DiBona on 05/14/2014.

Introduction to Carlson Survey and GIS

A Virtual Webinar Using Carlson Survey and GIS – Learn Survey and GIS Workflows

This recorded webinar serves as a detailed training session for Carlson Survey and GIS, focusing on configuration, file setup, annotation, field-to-finish procedures and surface modeling. It provides step-by-step demonstrations on how to use the software's primary tools, from project organization to shapefile integration and surface profiling.

Key Topics:

- Carlson Survey & GIS Configuration and Setup
- Drawing Templates, Layer Management and Annotation Setup
- Coordinate Files (CRD), Field-to-Finish Processing and Surface Triangulation
- Working with Images (Google Earth, ESRI Maps)
- Creating Centerlines, Profiles and Managing Shapefiles

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

This session was presented by Jennifer DiBona on 08/25/2014.

Overview of SurvNet Least Squares

A Virtual Webinar Using Carlson SurvNet – Learn Least Squares Survey Adjustment

This webinar by Donnie Stallings provides an in-depth introduction to the SurvNet least squares adjustment program, covering its origins, key settings, project setup and interface components. Stallings walks through the workflow for processing surveying data, interpreting error reports and utilizing visualization tools within the software.

Key Topics:

- Origins and background of the SurvNet program
- Setting up and managing projects in SurvNet
- Understanding report outputs and error files
- Working with graphics tools for project analysis
- Handling raw data and file formats (RW5, C&G formats)

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This session was presented by Donnie Stallings on 04/18/2014.

Overview of Annotation with CAD and Carlson

A Virtual Webinar Using Carlson Software – Learn Annotation in CAD and Carlson

This webinar provides an in-depth overview of annotation principles in CAD and Carlson software, including text styles, plot sizes and labeling workflows. It guides users through setting up CAD standards, managing text scaling and automating annotation using Carlson’s built-in tools.

Key Topics:

- Text style creation and font setup
- Scale-dependent text sizing and plotted text height
- Annotation defaults and text size scalars in Carlson
- Auto-annotate and labeling commands
- Managing labels for lines, arcs, areas, stations, points and contours
- Dynamic labeling and drawing rotation

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This session was presented by Jennifer DiBona on 04/14/2014.

Introduction to CAD Standards Manager

A Virtual Webinar Using CAD Standards Manager – Learn CAD Standards Compliance Workflows

This webinar hosted by That CAD Girl features Matt Sparks of CAD Masters demonstrating CAD Standards Manager in AutoCAD 2014 to keep layers, blocks and styles in line with the National CAD Standard. It walks through the user and administrator tools for building a standards database, converting non-standard layers and sharing blocks, details, dimension styles and page setups across a team.

Key Topics:

- National CAD Standard background and the survey/civil task team
- CAD Standards Manager user and admin modules
- Layer databases, assignment and conversion of non-standard layers
- CSM palettes for blocks, details and NCS content
- Dimension styles, text styles and page setups from the database
- Publishing the standards database for offline laptops

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This session was presented by Matt Sparks on 03/26/2014.

Introduction to Carlson Software

A Virtual Webinar Using Carlson Software – Learn Intro to Carlson Project Setup

This webinar provides a detailed introduction to Carlson Software, covering installation basics, configuration, project data management and essential workflows for new users. It explains setup methods, drawing creation, template use, point management, surface generation and integration with IntelliCAD and AutoCAD platforms.

Key Topics:

- Installing and maintaining Carlson Software builds
- Setting up projects, drawings and default configurations
- Managing points, surfaces and coordinate files
- Configuring drawing templates and annotation scaling
- Field-to-Finish workflows, data folders and symbol libraries
- Building and editing surfaces, centerlines and profiles

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This session was presented by Jennifer DiBona on 03/10/2014.

Intro to Carlson SurvCE and SurvPC

A Virtual Webinar Using Carlson SurvCE and SurvPC – Learn Field Data Collection Setup

In this webinar, licensed surveyor Jeremy Taylor provides a detailed two-hour introduction to Carlson SurvCE and SurvPC data collection software. The session covers system setup, field data workflows, job management, hardware configuration and practical demonstration of core surveying features.

Key Topics:

- Overview of SurvCE and SurvPC functionality
- Job creation, configuration and management
- Total station and GPS setup
- Feature codes and field-to-finish linework
- Stakeout routines and advanced roading features
- Q&A on projections and scaling

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

This session was presented by Jeremy Taylor on 03/17/2014.

Overview of Surfaces in Carlson Software

A Virtual Webinar Using Carlson Software – Learn Carlson Surfaces and Contour Modeling

This webinar provides a detailed walkthrough of surface modeling techniques in Carlson Software, focusing on creating, editing and managing TIN surfaces using the Triangulate and Contour tools. Participants learn practical workflows for quality checking surfaces, handling errors, applying boundaries, balancing cut/fill and generating finished grading and volumetric reports.

Key Topics:

- Creating and editing TIN surfaces in Carlson
- Troubleshooting and refining surface data
- Using Shrink-Wrap, Non-Surface tags and Triangulate & Contour settings
- Generating contours, daylight lines and pad designs
- Volume calculations and merging surfaces

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This session was presented by Jennifer DiBona on 02/11/2014.