Customizing Carlson for Erosion Control Design – Session 1-2
Recorded 09/19/2023.

Video for this session is not available.

LeMay_Customizing Carlson for Erosion Control Permitting and Design with Travis Maxwell

That CAD Girl

Session #1-1

Customizing Carlson for Erosion Control Permitting & Design

Presented by Travis Maxwell

Request custom training from Travis by emailing:
ContactUs@thatcadgirl.com

CERTIFIED TRAINING CENTER
Carlson College

Carlson AUTHORIZED DEALER

That CAD Girl

Session #1-2

Customizing Carlson for Erosion Control Permitting & Design

Presented by Travis Maxwell

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Session #1-3

Customizing Carlson for Erosion Control Permitting & Design

Presented by Travis Maxwell

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Session #2-1

Customizing Carlson for Erosion Control Permitting & Design

Presented by Travis Maxwell

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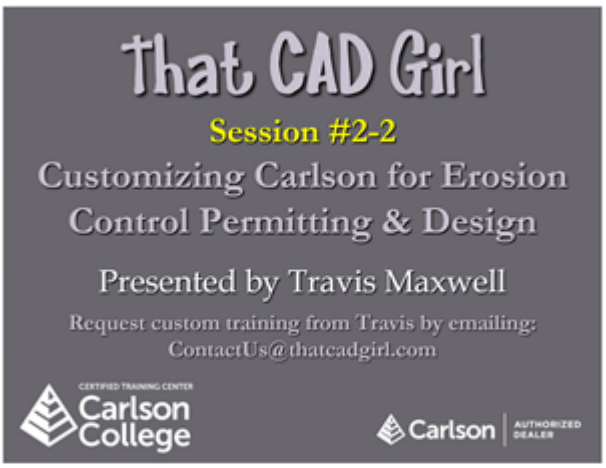
That CAD Girl
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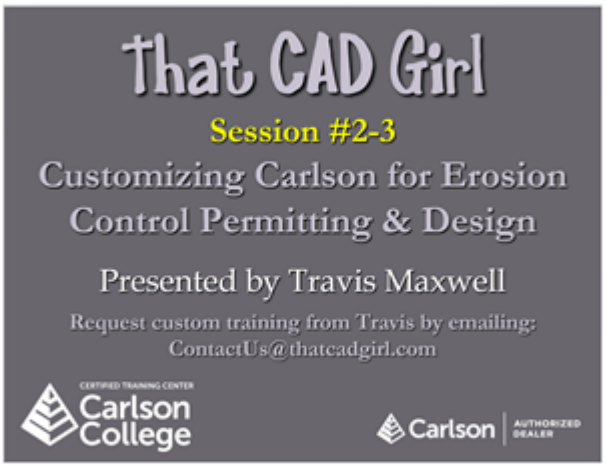
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SAMPLE VIRTUAL CLASSROOM In Depth Carlson Hydrology with Travis Maxwell

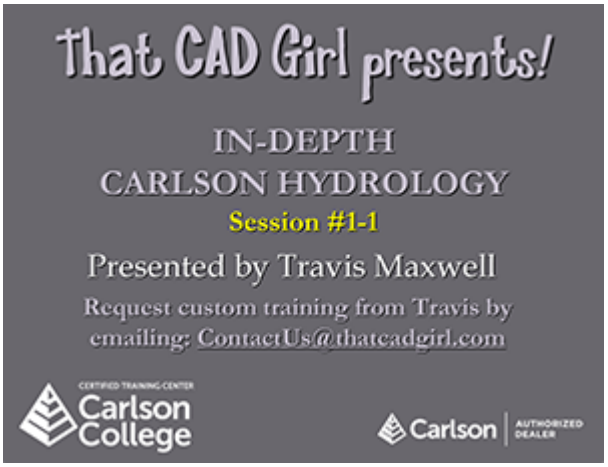
This webinar provides a comprehensive introduction to Carlson Hydrology, led by veteran engineer Travis, focusing on setup, workflows, and best practices for stormwater modeling and design. Attendees learn how to configure libraries, manage sewer networks, and apply hydrologic methods such as SCS and Rational within Carlson Software.

Key Topics:

- Carlson Hydrology module overview and setup
- Sewer and storm network configuration
- Use of SCS and Rational methods for runoff and detention
- Inlet libraries, rainfall data, and HydroNet integration
- Best practices for file management and dynamic modeling

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

This session was presented by Travis Maxwell on 11/07/2024.This webinar provides a comprehensive introduction to Carlson Hydrology, led by veteran engineer Travis, focusing on setup, workflows, and best practices for stormwater



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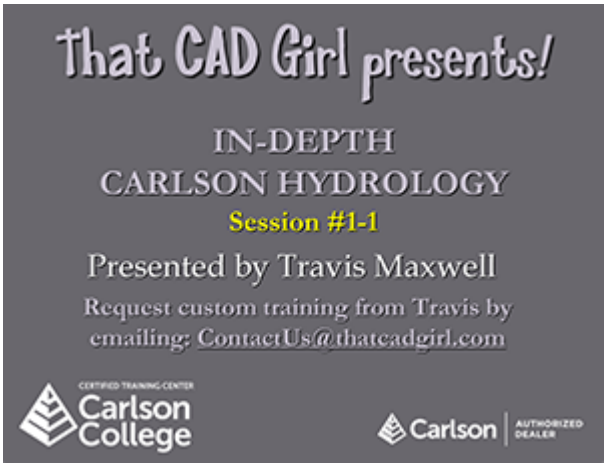
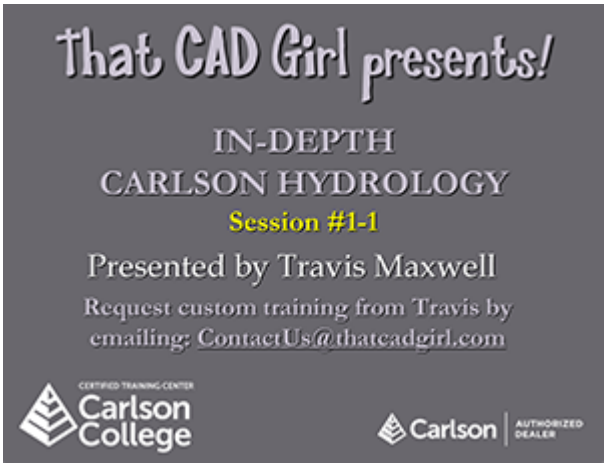
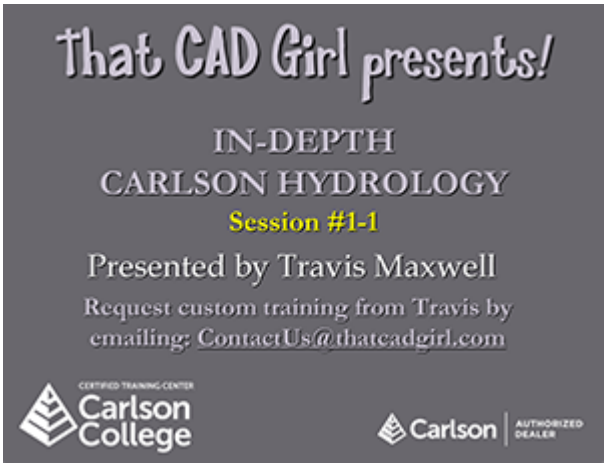


design.This session continues the in-depth Carlson Hydrology training with a focus on storm sewer network modeling, watershed delineation, and hydraulic grade line analysis.This session continues the in-depth Carlson Hydrology training with a focus on storm sewer network modeling, watershed delineation, and hydraulic grade li



analysis.This final session of the In-Depth Carlson Hydrology training series covers advanced hydrology modeling techniques using Carlson Hydrology and HydroNET.This final session of the In-Depth Carlson Hydrology training series covers advanced hydrology modeling techniques using Carlson Hydrology and HydroNET.



Features of Carlson Hydrology – Drafting Pipes & Structures

A Virtual Webinar Using Carlson Software – Learn to Draft Pipes and Structures

This webinar introduces the drafting and setup features of Carls on Hydrology, focusing on creating and labeling sewer networks, profiles, and pipe structures. It demonstrates how to configure network settings, build and visualize storm sewer systems, and e xport them into Carlson Civil profiles for design and documentat ion.

Key Topics:

- Sewer network setup and drafting workflows
- Creating and labeling profiles (existing, proposed, and se wer)
- Using Carlson Hydrology's SEW and PRO file structures
- Drawing plan views, profiles, and data tables
- Integration with Carlson Civil and 3D Viewer

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This session was presented by Jennifer DiBona on 06/20/2018.

Advanced Carlson Hydrology & P3D

A Virtual Webinar Using Carlson Software – Advance 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 Classroom – Survey & GIS Virtual Workshop – Bonus Lunch Session 3 Recorded 05/17/2016

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 Classroom –

Survey & GIS Virtual Workshop – Session 2
Recorded 05/17/2016

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.

2016 Virtual Classroom – Survey & GIS Virtual Workshop

– Session 1
Recorded 05/17/2016

This session from That CAD Girl’s 2016 Virtual Workshop introduces practical tips and workflows for survey and GIS users in Carlson Software. It covers deed entry, control point search, georeferencing, Google Earth and Esri map integration, and creating GIS databases directly within Carlson.

Key Topics:

- Entering and correcting deed descriptions in Carlson Survey
- Using “Search Published Control” for NGS monuments
- Georeferencing drawings and importing imagery from Google Earth or Esri ArcGIS
- Integrating GIS data with SurvCE/SurvPC for field collection
- Building a GIS database and performing attribute queries in Carlson GIS

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

2016 Virtual Classroom – Civil

& Hydrology Virtual Workshop – Session 6
Recorded 05/24/2016.

This session of the Carlson Civil & Hydrology training series provides a detailed walkthrough of hydrology workflows, watershed setup, storm drainage design, and detention pond modeling within Carlson Civil. Instructor Mark Long demonstrates practical, step-by-step methods for defining watershed layers, calculating runoff, designing storm networks, and creating detention ponds using Carlson's hydrology tools.

Key Topics:

- Watershed layer setup and runoff coefficient calculation
- Hydrology methods: Rational, SCS, and HydroCAD
- Storm drainage network creation and pipe design
- Time of concentration and peak flow calculations
- Detention pond design and stage-storage analysis

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This session was presented by Mark Long on 05/24/2016.