Customizing Carlson to Increase Productivity 1-2 Recorded 10/12/2022

This webinar continues the “Customizing Carlson to Increase Productivity” series, focusing on advanced customization of Carlson Software through tool palettes, scripts, blocks, and CAD standards. Presenter Travis demonstrates how to automate repetitive drafting tasks, standardize project templates, and improve efficiency across teams using Carlson and IntelliCAD.

Key Topics:

- Tool palette setup and automation
- Creating and managing blocks, layers, and line types
- Using scripts, Lisp files, and Excel integration
- Template and legend standardization
- Viewport color overrides and CAD standards consistency

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

This session was presented by Travis Maxwell on 10/12/2022.

Customizing Carlson to Increase Productivity 1-1

Recorded 10/12/2022

This training session, led by Travis and hosted by That CAD Girl , demonstrates how to customize Carlson Software to improve drafting and design productivity. The session covers interface setup , tool palettes, macros, fonts, and workflow optimization for CAD professionals.

Key Topics:

- Carlson Software interface customization
- Toolbars, ribbons, and workspaces
- Tool palettes and macros
- Font and layer management
- Project setup, templates, and automation

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This session was presented by Travis Maxwell on 10/12/2022.

In Depth Carlson Hydrology with Travis Maxwell 2-3 Recorded 09/14/2022

This final session of the In-Depth Carlson Hydrology training series covers advanced hydrology modeling techniques using Carlson Hydrology and HydroNET. The instructor demonstrates stream delineation, stage-storage modeling, chamber design, and integration with HydroCAD

for comprehensive stormwater management workflows.

Key Topics:

- StreamStats and drainage area delineation
- Stage-storage and chamber modeling in HydroNET
- Integration with HydroCAD for detention system design
- Table-based calculations and regression analysis
- Wet pond grading and detention pond detailing

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This session was presented by Travis Maxwell on 09/14/2022.

In Depth Carlson Hydrology with Travis Maxwell 2-2 Recorded 09/14/2022

This session is part of the In-Depth Carlson Hydrology training series, focusing on advanced hydrology design workflows in Carls on Civil and Hydrology. The instructor demonstrates practical to ols for surface modeling, watershed analysis, detention pond des ign, and HydroNet modeling.

Key Topics:

- Linear and path arrays in Carlson CAD
- Importing and refining Google surfaces
- Watershed and runoff tracking analysis
- Creating detention ponds and HydroNet modeling

- Stage-storage and stage-discharge design with risers, orifices, and spillways

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This session was presented by Travis Maxwell on 09/14/2022.

In Depth Carlson Hydrology with Travis Maxwell 2-1 Recorded 09/14/2022

This session continues the in-depth Carlson Hydrology training, focusing on collection systems, utility networks, and HydroNet detention modeling. Travis demonstrates advanced workflows for managing project files, creating profiles, checking crossings, and setting up hydrologic models in Carlson Civil and Hydrology.

Key Topics:

- Carlson Hydrology collection system and utility network management
- Crossings, parallel pipes, and clearance checks
- HydroNet setup, detention design, and hydrograph generation

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This session was presented by Travis Maxwell on 09/07/2022.

In Depth Carlson Hydrology with Travis Maxwell 1-3 Recorded 09/07/2022

This session continues the in-depth Carlson Hydrology training with a focus on storm sewer network modeling, watershed delineation, and hydraulic grade line analysis. Instructor Travis Maxwell demonstrates practical workflows for drainage area setup, pipe sizing, spread analysis, and custom symbol management within Carlson Civil software.

Key Topics:

- Watershed delineation and drainage area setup
- Sewer network modeling and hydraulic grade line (HGL) analysis
- Pipe slope adjustments and capacity troubleshooting
- Spread and ponding depth calculations
- Custom symbol creation and management in Carlson

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This session was presented by Travis Maxwell on 09/07/2022.

In Depth Carlson Hydrology with Travis Maxwell 1-2 Recorded 09/07/2022

This in-depth Carlson Hydrology training session focuses on converting Civil 3D data, building terrain surfaces, and designing stormwater networks using Carlson software. The webinar demonstrates practical workflows for integrating utilities, creating ponds, and managing storm drainage systems efficiently.

Key Topics:

- Converting Civil 3D data for Carlson use
- Building and merging terrain surfaces
- Creating and editing stormwater networks
- Managing utilities and pipe crossings
- Setting up ponds and drainage areas

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This session was presented by Travis Maxwell on 09/07/2022.

In Depth Carlson Hydrology with Travis Maxwell 1-1

Recorded 09/07/2022

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.

Beyond the Basics-Advanced Layout and Grading Techniques With Carlson Software Follow Up 1-3

Recorded 08/09/2022

This follow-up training session for *Beyond the Basics: Advanced Layout and Grading Techniques* with Carlson Software dives deeper into SiteNet workflows, pad grading, and dynamic surface modeling. Travis demonstrates practical grading tools, troubleshooting tips, and efficient methods for balancing earthwork and managing contour updates.

Key Topics:

- SiteNet boundaries vs. areas of interest
- Dynamic contour updates and reprocessing
- Pad Grade workflows and balancing techniques
- Layer management and display settings
- Driveway and surface grading best practices

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This session was presented by Travis Maxwell on 08/09/2022.

Beyond the Basics-Advanced Layout and Grading Techniques With Carlson Software 1-2

Recorded 08/03/2022

This advanced Carlson Software training session demonstrates how to integrate RoadNet, LotNet, and SiteNet for efficient site design, grading, and earthwork balancing. Travis provides step-by-step instruction on creating entrances, managing templates, grading driveways, and dynamically adjusting surfaces for balanced cut/fill results.

Key Topics:

- Integrating RoadNet, LotNet, and SiteNet for coordinated grading
- Creating and editing road and entrance templates
- Dynamic surface editing and balancing earthwork
- Driveway and building pad elevation control
- Using SiteNet for cost estimation and surface management

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This session was presented by Travis Maxwell on 08/03/2022.