Fast Track to CAD and Carlson Software:
Session #2-1

A Virtual Classroom Using Carlson Software – Configure Carlson Defaults and Project Folders

This training session, led by That CAD Girl, provides an in-depth introduction to getting started with Carlson Civil Suite 2023 within IntelliCAD. The session covers setup, configuration, data management and best practices for using Carlson software effectively in CAD environments.

Key Topics:

- Carlson Software setup and configuration
- Understanding CAD vs. Carlson environments
- Managing data, templates and settings files
- Project folder structures and linking data
- Using Carlson Configure for default settings

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 03/30/2023.

Fast Track to CAD and Carlson Software:
Session #1-3

A Virtual Classroom Using Carlson Software – Manage Layers, Blocks and Xrefs

This training session from *That CAD Girl's Fast Track to CAD and Carlson* series provides a detailed walkthrough of CAD layer management, entity properties and drawing organization using AutoCAD and IntelliCAD. Participants learn how to create, modify and manage layers, apply properties, use Carlson's enhanced layer tools and work with blocks and external references.

Key Topics:

- Understanding and managing CAD layers
- Layer properties: color, line type and line weight
- Layer states: on/off, freeze/thaw, lock/unlock
- Carlson Layer Tools and IntelliCAD Explorer
- Blocks, symbols and external references (Xrefs)

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This session was presented by Jennifer DiBona on 03/28/2023.

Fast Track to CAD and Carlson Software:
Session #1-2

A Virtual Classroom Using Carlson Software – Practice CAD Drafting and Editing Commands

This training session from *That CAD Girl* provides an in-depth introduction to CAD drafting fundamentals using IntelliCAD and Carlson software. It covers drawing and editing commands, precision drafting tools, object snaps, selection methods and text creation for survey and design workflows.

Key Topics:

- Drawing and editing entities (lines, circles, arcs)
- Object snaps (Osnaps/Esnaps) and precision drafting
- Selection methods and modify commands
- Fillet, trim, extend and grip editing
- Polylines, explode/join and text creation (single-line and multi-line)

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This session was presented by Jennifer DiBona on 03/28/2023.

Fast Track to CAD and Carlson Software:
Session #1-1

A Virtual Classroom Using Carlson Software – Learn CAD and Carlson Interface Basics

This session introduces beginners to the fundamentals of CAD environments and how Carlson Software integrates with AutoCAD and IntelliCAD. Participants learn about user interfaces, workspaces, command-line operations and key differences between CAD platforms.

Key Topics:

- CAD platforms used with Carlson (AutoCAD, IntelliCAD, OEM)
- User interface customization and workspaces
- Command-line usage and shortcuts (aliases)
- Carlson vs. CAD defaults and configuration
- Drafting tools, coordinate systems and mouse controls

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This session was presented by Jennifer DiBona on 03/28/2023.

Fast Track to Carlson Civil Suite and CADnet: Session #2-3

A Virtual Classroom Using Carlson Civil Suite and CADnet – Draft Hydrology Networks and Digitize CADnet Plans

This training webinar provides a practical walkthrough of Carlson Civil Suite's Hydrology and CADnet modules, focusing on drafting storm-sewer networks, creating profiles and converting or digitizing PDF and raster data into CAD. Participants learn how to manage surfaces, pipe networks and image-to-CAD workflows for design and takeoff applications.

Key Topics:

- Carlson Hydrology: storm-sewer network drafting and setup
- Sewer network profiles, surfaces and pipe settings
- Carlson CADnet: converting PDFs and raster images to CAD
- Digitizing and scaling images for takeoff and modeling

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This session was presented by Jennifer DiBona on 05/25/2023.

Fast Track to Carlson Civil Suite and CADnet: Session #2-2

A Virtual Classroom Using Carlson Civil Suite and CADnet – Design Roads with Profiles and RoadNet

This training session continues the *Fast Track to Carlson Civil Suite* series, focusing on creating and managing centerlines, profiles and road networks using Carlson Civil and CADnet. Participants learn how to manually build alignments, profiles and templates before automating workflows with Carlson's Road Network tools.

Key Topics:

- Creating and managing centerlines and profiles
- Using Carlson configuration and project folder structures
- Building and editing road templates and networks
- Generating surfaces, cross sections and earthwork volumes

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This session was presented by Jennifer DiBona on 05/25/2023.

Fast Track to Carlson Civil Suite and CADnet: Session #2-1

A Virtual Classroom Using Carlson Civil Suite and CADnet – Calculate Grading Volumes and SiteNet Quantities

This training session provides an in-depth walkthrough of Carlson Civil Suite and CADnet tools, focusing on site grading, surface modeling and the SiteNet module for quantity takeoff and surface management. Participants learned how to model proposed grading, manage surfaces, calculate volumes and create subgrade and topsoil reports using Carlson Civil's advanced features.

Key Topics:

- Site grading and 3D polyline modeling
- Surface creation and volume calculations
- Carlson Civil vs. Carlson Survey functionality
- SiteNet setup, layer management and material quantity reporting
- Topsoil removal and replacement workflows

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This session was presented by Jennifer DiBona on 05/25/2023.

Fast Track to Carlson Civil Suite and CADnet: Session #1-3

A Virtual Classroom Using Carlson Civil Suite and CADnet – Create Surfaces and Prepare Site Grading

This recorded training session from *That CAD Girl* provides a detailed walkthrough of surface modeling, annotation and 3D data workflows in Carlson Civil Suite and CADnet. It covers best practices for building surfaces, checking elevation data, applying field-to-finish codes and using 3D tools for grading and modeling efficiency.

Key Topics:

- Building and validating surfaces from points and breakline s
- Using 3D Viewer and Shrink Wrap Entities for surface check s
- Field-to-Finish setup and non-surface point management
- Contour creation, labeling and annotation techniques
- 3D data tools: elevating polylines, pad creation and slope -based point generation

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This session was presented by Jennifer DiBona on 05/23/2023.

Fast Track to Carlson Civil Suite and CADnet: Session #1-2

A Virtual Classroom Using Carlson Civil Suite and CADnet – Build Lot Layout and Field-to-Finish Workflows

This training session provides an in-depth walkthrough of Carlson Civil Suite's CADnet, Survey and Civil modules, focusing on area layout, lot creation, labeling, deed file processing and field-to-finish automation. The instructor demonstrates practical workflows for linking external data, managing lot networks and generating legal descriptions efficiently.

Key Topics:

- Area layout and labeling techniques
- Lot file and deed file creation and management
- LotNet design automation and editing
- Legal description writer and reporting
- Field-to-Finish point processing and layer management

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This session was presented by Jennifer DiBona on 05/23/2023.

Fast Track to Carlson Civil Suite and CADnet: Session #1-1

A Virtual Classroom Using Carlson Civil Suite and CADnet – Learn Setup, Configuration and Data Organization

This training session introduced participants to the Carlson Civil Suite and CADnet software, focusing on setup, configuration and foundational workflows in Carlson Survey, Civil, Hydrology, GIS and CADnet. The instructor demonstrated key menus, data management practices and GIS integration techniques for efficient civil engineering and surveying workflows.

Key Topics:

- Overview of Carlson Civil Suite modules and environment se tup
- Managing templates, layers and project data folders

- Carlson Configure settings and defaults
- GIS data import, editing and visualization
- Integration with Google Earth and Esri imagery

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This session was presented by Jennifer DiBona on 05/23/2023.