

# That CAD Girl

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## Intro to SurvNet & Least Squares with Donnie Stallings - 8 Hours Hands-On Training

**\$349 Call 919.417.8351 to Register by May 27<sup>th</sup> - Seats are Limited!**

This 1 day class provides 8 hours of hands on training on the practical use of Carlson's SurvNet least squares program.

Topics include:

- The processing of a variety of projects including networks with total station data and networks that include both total station and GPS vector data
- A minimal amount of statistical theory in order to emphasize the understanding of the basic concepts of least squares and statistics as well as the reports generated by least squares programs
- The use of least squares to determine relative accuracy as defined by ALTA standards
- Blunder detection techniques using least squares
- Editing and troubleshooting the raw data files

### About Donnie Stallings

Donnie Stallings has been a NC professional land surveyor for over 24 years. He graduated Summa Cum Laude with a BS degree in Survey Engineering from New Jersey Institute of Technology. While at NJIT he studied statistics and least squares under Dr. Josh Greenfeld. Additionally he attended graduate school at NCSU where he studied Forestry, Spatial Information Systems and Statistics.

Donnie wrote the SurvNet program in the late 90's for his own use and as an intellectual challenge. He sold SurvNet to C&G Software. Carlson Software acquired SurvNet when they purchased C&G Software, and Donnie continued to improve SurvNet under Carlson Software's ownership.

Donnie gets much satisfaction from showing fellow surveyors the usefulness and power of least squares and statistics in the analysis of survey measurements.

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You will need to bring your own laptop and mouse. Trial versions of Carlson Civil Suite with IntelliCAD will be provided if needed. If you run or plan to run Carlson on top of an AutoCAD-based program instead of IntelliCAD, please have the AutoCAD-based program installed on your computer prior to the start of class.

**Pre-Requisite:** Basic computer knowledge and general understanding of surveying principles

**Date & Time:** Tuesday, June 14<sup>th</sup> 2011  
Sign In and Software Loading begins at 7:30 am  
Training starts at 8:00 am

**Need to Bring:** Laptop and Mouse

**Location:** Hampton Inn & Suites, Arundel Mills/Baltimore  
7027 Arundel Mills Circle  
Hanover, Maryland

**Lunch:** Coffee, water & snacks, box lunch provided

**NC PDH Credit:** 8 credit hours

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hampton inn & suites – arundel mills/baltimore

7027 arundel mills circle

hanover, maryland

june 14, 2011

phone 919-417-8351

hotel phone: 410-540-9225

## Directions from I-95:

Take Exit 43A 100 E to Exit 10A. From 295 - Exit on to Rte 100 E to Exit 10A Arundel Mills Blvd.

## Directions from I-97:

Exit on to Rte 100 W to Exit 10 Arundel Mills Blvd. Turn left at the light.

