

That CAD Girl

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

\$249 Call 919.417.8351 to Register - 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.

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: Wednesday, January 26th 2011
Sign In and Software Loading begins at 7:30 am
Training starts at 8:00 am

Need to Bring: Laptop and Mouse

Location: The Clayton Center - the "Poole Room" on floor C-2
111 East Second Street
Clayton, North Carolina
See <http://www.theclaytoncenter.com/directions.html>
for accommodations and other information

Lunch: Coffee, water & snacks, box lunch provided

NC PDH Credit: 8 credit hours

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the clayton center

111 east second street

clayton, north carolina

january 24, 2011

phone 919-417-8351

From Raleigh and points west:

Take I-40 East to Raleigh and toward Wilmington. From I-40, merge onto US 70 Business East via Exit 306 toward Clayton, Smithfield and Goldsboro.

Stay on 70-East for approx. 7 miles. Once you pass the Wal-Mart Shopping Center, go 3 more traffic signals.

Turn Left at the third traffic signal onto Robertson Street (Rite Aid and Walgreens will be on the left at this intersection). Continue two blocks and take a right onto Second Street. The Clayton Center is 3 blocks on the right at the intersection of Second and Fayetteville Streets.

From points east of Clayton:

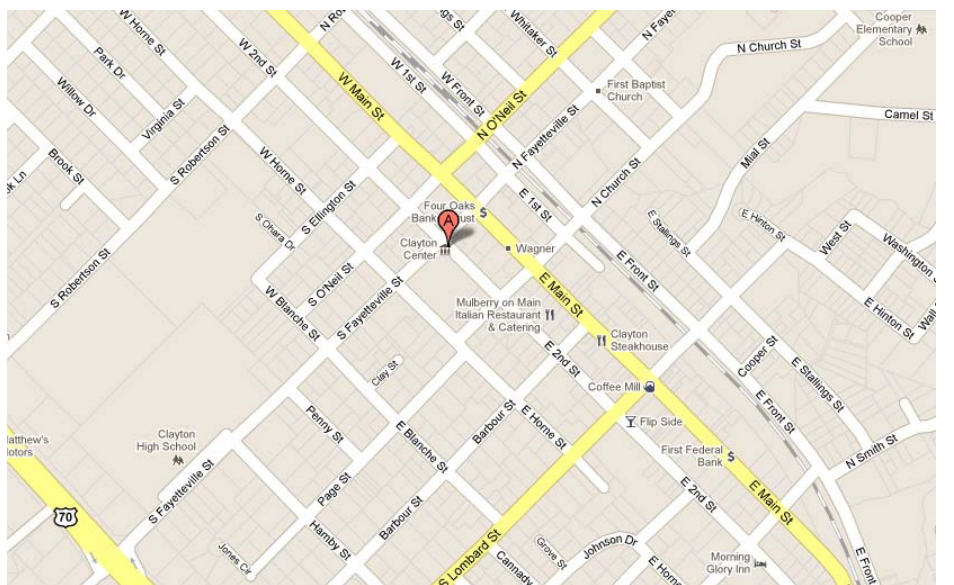
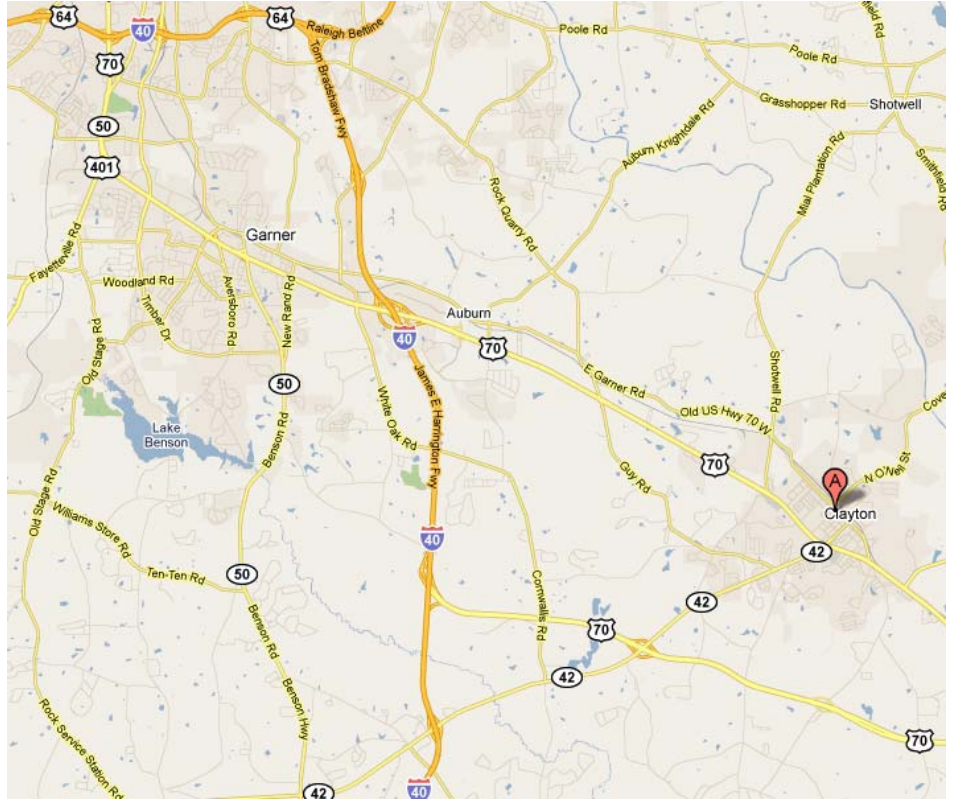
From I-40...

Take I-40 West to Exit 312. Turn right off the exit ramp onto Hwy 42 and continue approx. 6 miles into Clayton.

After passing under the bridge (Hwy. 70) the road becomes Lombard Street. Turn left at the stoplight onto Second Street and continue for 3 blocks. The Clayton Center will be on your left.

From Highway 70 and Smithfield...

From Hwy 70 turn right at Main Street to enter into Downtown Clayton. Continue through the downtown area. Take a left onto Fayetteville Street and go one block. The Clayton Center will be on your left.



Parking

Limited parking is available in the lot adjoining the back of the facility. This lot offers handicapped spaces and is accessible from both Horne and Fayetteville Streets. Parking is also located in the Town Square at the corner of Second and Fayetteville Streets (diagonally across from The Clayton Center). Additional parking can be found along the streets surrounding The Clayton Center.