

Course Summary

Join us to brush up on your basic surveying skill or to review for the CST or LSIT exam. We will discuss the exam requirements, review basic mathematical skills and hand calculator operation, compare angular and directional measurements and learn coordinate geometry and intersections.

BRING YOUR HAND

CALCULATOR, this is a hands on computational workshop.

The Presenter

The instructor, Rachel Dearborn, PLS, taught the Surveying Lecture and Lab Course at the University of Connecticut from 2002-2007. Rachel graduated from Central Connecticut State University with a B.S.E.T. in 1999. She passed the LSIT exam in April 2003 and the L.S. exam in April 2008. She currently owns and manages a small surveying company, Landmark Surveys LLC, in Ellington, Connecticut.

Teaching Methods

Lecture by instructor, LCD projection of problems and solution processes. My interest is to have participants engage in active in class computation of the examples presented.

Learning Objectives

The purpose of this workshop is to develop a working knowledge of basic survey math using a hand held calculator, for application on the job and in taking the LSIT, LS, CST or NICET exams..

Schedule

-8:00am - 8:30am – Registration & coffee

-8:30am -10:00 am – **LSIT Exam Requirements and Math Review**
Calculator Operation,
Unit Conversions,
Trigonometric Functions

- 10:00am - 10:15am Coffee Break

- 10:15 am – 12 noon **ANGLES & DIRECTIONS**
Math with Angles,
Computing Bearing
& Azimuth computations

-- 12 Noon – 12:45 pm Luncheon

- 12:45 pm -2:00 pm **COORDINATE GEOMETRY (COGO)**
Traverse and Inverse Computations

- 2:00pm - 2:15pm Break

- 2:15pm – 3:30pm
LINE INTERSECTIONS
Arc-Arc, Arc-Line, Line-Line
Intersections

Costs, Refunds, Cancellation Policies

Registration fee for the workshop: \$150 (CALS members) \$230 (non-members). Full refunds for cancellations made 48 hours prior to the workshop.

NOTE: Up to 5 seats each will be reserved for current members of CALS who are unemployed, and full time students. The cost of the seminar will be \$20. Please provide a copy of your unemployment document with your registration. Seat will be filled on a first come first serve basis.

Length of Course Activity

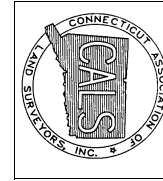
This is a course for survey technicians, and does not have any professional development hours assigned.

REGISTRATION : BASIC SURVEY MATH FOR SURVEY TECHNICIANS

Name: _____ Company: _____
Address: _____ Phone: _____
City: _____ State : _____ Zip: _____
Email: _____ If unemployed check line _____

Registration Fee \$150 for members*. Non-member Fee: \$230 (includes 1 year associate membership, CALS). Unemployed member \$20. includes continental breakfast and lunch. Free Parking.

*Registration fee for all members of New England Professional Surveying Societies
Phone (860) 563-1990 Fax (860) 529-9700 email kathy@ctsurveyor.com
Make Check Payable to : CALS and send to CALS, 78 Beaver Road, Wethersfield, CT 06109



CALS
78 Beaver Road
Wethersfield, CT 06109

Directions:

From I-84 (Waterbury – East) Exit 35 (left exit) to Route 72 East. Take Exit 9 - Main Street. At end of the exit take a right. At the next light take a right onto Chestnut Street and another right onto Main Street. ITBD is a red brick building located on the right just past ‘Subway’.

From I-84 (Hartford – West) Exit 39A to Route 9 South. Take Exit 27 – Chestnut Street (left exit). At the end of the exit take a right onto Chestnut Street and proceed to the third light. Take a right onto Main Street. ITBD is a red brick building located on the right just past ‘Subway’.

From the South (Routes 9, 91 or 15) Go north on route 9 to Exit 26 – Downtown New Britain. Go straight at the end of the exit. Take a left at the following traffic light (CVS is on the corner) onto Chestnut Street. Take your second right onto Main Street. ITBD is a red brick building located on the right just past ‘Subway’.

Parking:

Parking is available in the Municipal Parking Garage in back of the ITBD building (access is on Chestnut Street just south of Main Street). Bring your ticket with you to be stamped for free parking

Map:

<http://www.ccsu.edu/itbd/directions/default.htm>

SECURING THE FUTURE THROUGH EDUCATION

**Connecticut Association
of Land Surveyors
Presents:**

**BASIC SURVEY MATH
and
BASIC COORDINATE
GEOMETRY
FOR TECHNICIANS**

**Rachel Dearborn, PLS
Landmark Surveys, LLC**

Friday, March 26, 2010

**CSU Institute for Technology
and Business (ITBD)
185 Main Street
New Britain, CT**

For more information:

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