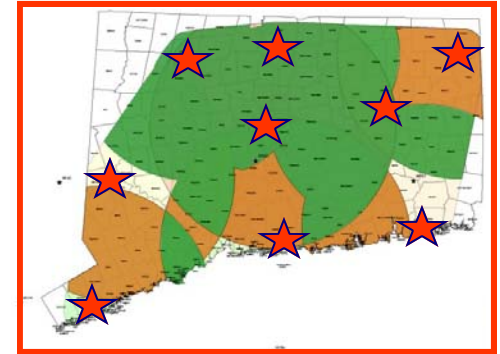




**Connecticut Association
of Land Surveyors
Presents:**



**ACORN:
Real-Time Positioning
for Connecticut**

Assoc. Prof. Thomas H. Meyer, PhD

Wednesday, August 27, 2014

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

**Professional Workshop
PDH/CEU credit none**

For more information:

**jjdoody@snet.net
203-933-3850**



CALS
78 Beaver Road
Wethersfield, CT 06109

*****SECURING THE FUTURE THROUGH EDUCATION*****

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>

Course Summary

The Connecticut Advanced Continuously Operating Reference Network (ACORN) provides land surveyors the ability to perform centimeter-accuracy GNSS positioning in real time — i.e., no post processing or network adjustment. Attendees will be shown how real-time positioning works, how to register for an account, how to use ACORN in practice (can-do, must-do, shouldn't do, tips and tricks), and be given an “insider” tour of how ACORN operates. Attendees interested in using ACORN are encouraged to register for an ACORN account (go to acorn.uconn.edu) before the seminar. The minimum equipment needed to use ACORN is a survey-grade GNSS receiver fitted with a cellular modem. Time will be allotted to go outside and use ACORN, so attendees are encouraged to bring their own equipment, if they have it.

The Presenter

Assoc. Prof. Thomas H. Meyer, PhD, Department of Natural Resources and the Environment, University of Connecticut. Dr. Meyer oversees and operates ACORN. He teaches undergraduate and graduate courses in surveying, GIS, Geodesy, Analytical Cartography, and GPS. Dr. Meyer has authored a geodesy textbook and numerous peer-reviewed papers about surveying and mapping, and teaches professional education seminars for surveyors throughout New England and the US. Prof. Meyer is the AAGS vice president and Fellow, and a past president of the New England Section ACSM (now Geomatics Society of New England)

Learning Objectives

- What ACORN is and how it works.
- Positioning modes
- Mount-point naming conventions
- ACORN web interface
- Connecting to ACORN in the field
- Recommended practices for RTN positioning

Schedule

- 8am - 8:30am Registration, Coffee
- 8:30am-10am
 - Introduction to ACORN
 - Positioning modes
 - Communication protocols
 - Phase differencing: fixed and float
 - Mount points
 - ACORN tour
- 10:00am-10:15am Coffee Break
- 10:15am-11:00am
 - ACORN web interface
 - Fee structure
 - Data-collector settings
 - tips and tricks
- 11:00 am-Noon
 - ACORN demo
- Noon Seminar ends.

Costs, Refunds, Cancellation Policies

Registration fee for the workshop: \$75 for CALS members only. Members of other state surveying societies are welcome. Full refunds for cancellations made 48 hours prior to the workshop.

NOTE: Up to 2 seats each will be reserved for current members of CALS who are unemployed. The cost of the seminar will be \$15. Please provide a copy of your unemployment document with your registration. Seats will be filled on a first come first serve basis. Seminar is limited to 20 attendees.

REGISTRATION: INTRODUCTION TO ACORN

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

Registration Fee \$ 75 for CALS members*. Unemployed members \$15 (limited to 2 seats). includes continental breakfast, free parking & handouts. MasterCard & Visa accepted.

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