



Training and Technical Assistance Center

Connecticut
Transportation
Institute

Connecticut Training & Technical Assistance Center

Training and Events

Surveying Methods for Local Roads

A CT Road Master Program ELECTIVE Workshop

This course focuses on providing information on the fundamental concepts of surveying and is designed for those with limited or no surveying experience. It pays special attention to the details of horizontal and vertical measures with several hands-on exercises demonstrating elevation transfers, slope calculations and pipe laying.

Who Should Attend

This program is designed for Local Highway Officials, Street Supervisors, Road Foremen, Construction Supervisors, and others interested in learning the fundamental concepts of surveying.

Course Instructor

Rachel Dearborn is a professional land surveyor and Owner of Landmark Surveys. Rachel has been surveying since 1999 and currently teaches a surveying class at Central CT State University. Ms. Dearborn also taught an undergraduate surveying course at the University of Connecticut for several years.

Class Notes

The day consists of several outdoor hands-on activities so please dress comfortably for the weather.



Dates & Locations

September 19, 2023
Storrs, CT

September 21, 2023
Storrs, CT

Session is 8:30am—3:00pm
(Registration begins at 8:00am)
Lunch will be provided.

Topics Covered

- Using a Hand Level.
- Using a Carpenter’s Level and Tape Measure.
- Using a Laser Level, Automatic Level, Total Station and GPS.
- Measuring horizontal and vertical distances.
- How to determine crown on a road, check a grade, take elevations and determine slope.

Registration

- Please visit www.cti.uconn.edu/cti/T2_Workshop_Schedule.asp to register for this class online.
 - Please email any questions to Bethe Greene at bethany.greene@uconn.edu.
 - **Cost:** *(Includes lunch and course materials)*
 - \$100—State and Municipal participants
 - \$200—Private-sector participants
 - **Cancellation/Refund Policy:** The registration fee is refundable if notice of cancellation is received 48 hours prior to the start of the program. Registrants who are unable to attend and do not cancel in advance are subject to the registration fee. Substitutions may be made at any time. Please notify us of changes.
 - If you require an accommodation to participate in this workshop, please contact Bethe Greene at bethany.greene@uconn.edu.
 - If you have a dietary restriction, please notify us at the time of registration.
 - Video/Photographs may be taken for promotional and training purposes. Please notify us during registration if you do not wish to be photographed/filmed.
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