



July 2018  
Volume 24, Issue 7

# The Connecticut Surveyor

CALS new website has been  
launched!



The screenshot shows the CALS website homepage. At the top left is the CALS logo. To its right are navigation links: ABOUT, JOIN US, FIND A SURVEYOR, NEWS & EVENTS, and CONTACT. Below these links is a search bar. The main content area features a large, scenic photograph of a city skyline at dusk or dawn, with lights reflecting on water in the foreground. Overlaid on the left side of the image is a block of text: "CALS members represent more than half of the licensed surveyors in the state. As well as many pre-licensure as associate members, CALS provides continuing education programs, sponsors constructive legislative activities, offers scholarships to Connecticut students enrolled in surveying or related curricula at universities and colleges, plays an instrumental role in the continuing development and maintenance of the state's technical standards for surveys and maps, and much more!" Below this text is a small "ABOUT US" button.

Go to <https://ctsurveyors.org/>

Learn about how to choose a land surveyor <https://ctsurveyors.org/choosing-a-surveyor/>.

Find a surveyor <https://ctsurveyors.org/find-a-surveyor/>.

Remember, ONLY Firm Members are listed here.

Call the CALS office today to become a Firm Member.

Read interesting articles about land surveying and CALS  
<https://ctsurveyors.org/news-events/>.

Log-on to read the minutes from meetings and monthly news-  
letters. <https://members.ctsurveyors.org/>. Here you can  
update your profile to add additional contact information.

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## CALS new website continued...

### Continuing Education



Surveying and mapping technologies have undergone dramatic transformations during the past few decades. Surveying is a multi-disciplined profession using advanced technology with a focus on land-related issues including geodesy, photogrammetry, land surveying, remote sensing, and geographic information systems.

Licensure as a Professional Land Surveyor is required in all fifty states and the U.S. territories.

Colleges specializations may be land surveying, forestry, GIS, geography, environmental science, civil engineering, and natural resource management.

Some of the schools that offer land surveying in New England include:

- + [New England schools that offer land surveying](#)
- + [Book List](#)
- + [CALS Workshop Material](#)
- + [Articles](#)
- + [Resources/Links](#)

We have included every resource imaginable. Now you can register on-line, pay on-line, find out who has the transferred records of another surveyor and so much more.

We are very proud of CALS and we hope that you are proud of your profession as a land surveyor and the way in which you are being represented by your state association.

It's Easy to log in using the 1st initial of your first name and your last name (John Smith = Jsmith). Your password is your email address. Once you log on, you can change your password and update information about yourself.

Try the Find a Surveyor button on the home page by entering your zip code. If your name doesn't pop up, its because you are not a FIRM MEMBER of CALS and it's time to upgrade!

Call the CALS office today for details.

## CALS new website continued...

The screenshot shows the "2018 Executive Board" page. At the top left is the CALS logo. To its right are navigation links: ABOUT, JOIN US, FIND A SURVEYOR, NEWS & EVENTS, CONTACT, MEMBERS, and a search icon. Below the navigation is the title "2018 Executive Board". Six circular portraits of the board members are arranged in two rows of three. The first row contains Wayne J. Ziroli, P.E., L.S. (President), Susan F. Mattern, L.S. (1st Vice President), and Christopher Juliano, P.E., L.S. (2nd Vice President). The second row contains Kathleen Kurland (Executive Director), Robert Baron, L.S. (Secretary), and Alan S. Fenrow, L.S. (Treasurer).

The screenshot shows the "Find a Surveyor" section. It features a map of the New England area with numerous blue location pins. On the left, there is a sidebar with a "Your location" input field, a "Search" button, and a dropdown menu set to "5mi." Below this are sections for "Freeman Companies, LLC" and "Sandie Aeschliman Land Surveyors". Each section includes an address, phone number, email, and links to "View Website", "More info", "0.6 mi.", "Directions", and "Email". To the right of the map is a large text box containing the following message:

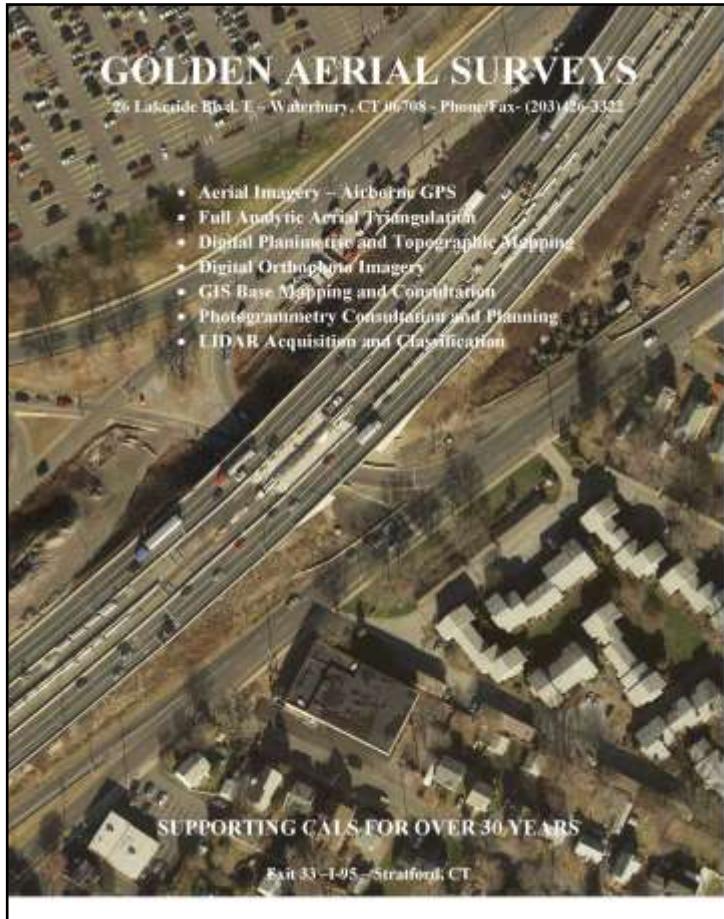
**It is so easy to find a surveyor. Just enter the zip code of your property and a licensed, professional firm member will pop up. Then just click on the firm and you will be brought to the company website.**

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Jennifer Marks, LS jmarks@blcompanies.com

Robert Roper, LS rroper@blcompanies.com

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Founder of Rocco V. D'Andrea, Inc.  
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Our firm is proud to be a sustaining member of CALS since its inception 50 years ago. The late Rocco V. D'Andrea was a founding member of CALS. We look forward to the next 50 years supporting the good work CALS does for the surveyors of CT.

Awards Dinner and Tee Sponsor

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[Info@rvdi.com](mailto:Info@rvdi.com) - [www.rvdi.com](http://www.rvdi.com)**

Sponsoring the Continental Breakfast

## CALS 2018 Golf Tournament - SPONSORS



Michelle Mrazik was the most popular person on the course.

She drove the beverage cart sponsored by Superior Instrument and gave out free beer, water, and soda to all of our thirsty players!

*Thank You  
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## CALS 2018 Golf Tournament - SPONSORS



For the 18th consecutive year, Matt Peak ran the Hit the Green Contest and raised a record breaking \$365 for the CALS Scholarship Fund.

Thank you Matt!!!



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30996-FP1 (03/17)

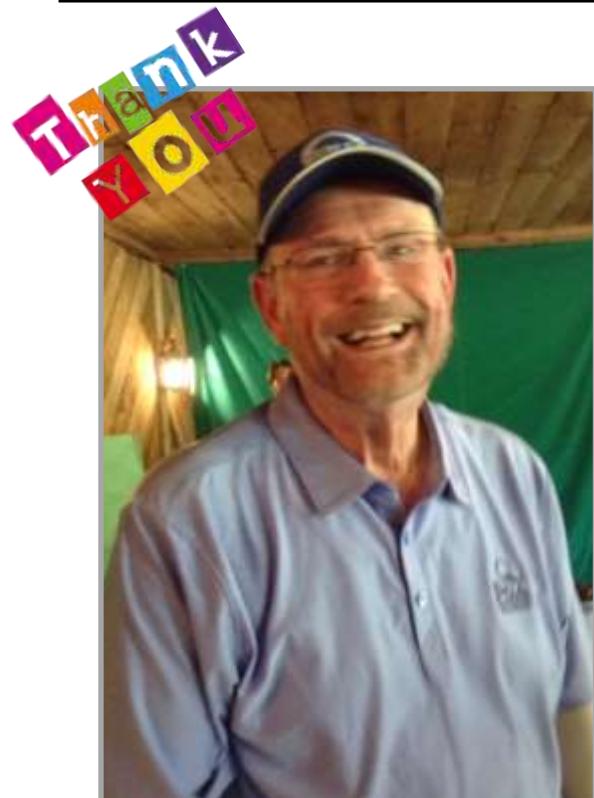
Matt is like a “one man band” - this year he is sponsoring a Tee, bringing a 4-some, and running the famous “Hit the Green Contest”.

## CALS 2018 Golf Tournament



President Wayne Zirilli (left) presented the first place Low Gross Team with their prizes.

L-R - Kevin DaRos, Jay Ussery, Rob Migliore & Eric Peterson



Wayne Harrison donated 2/3 of his winnings from the mulligan 50/50 raffle back to CALS.

Thank you Wayne!!!



Second Place Low Gross went to Land Resource Consultants, Norm Bolduc, Mark Domingos, Jim Anderson & Joe Feist.

## CALS 2018 Golf Tournament



Matt Peak chatting with Bob Dahn.



## CDC: Treated Clothing Works Permethrin, Made From Chrysanthemums, Makes Them Unable To Bite

By AMY NORTON HealthDay, Hartford Courant

A new U.S. government study confirms that insecticide-treated clothes marketed for preventing tick-borne ills do, in fact, thwart the pests.

In lab tests of clothes bought from one manufacturer, researchers found that the garments either quickly caused ticks to fall off or rendered them unable to bite.

The study involved three types of ticks that, in the United States, are major carriers of disease — including Lyme disease, Rocky Mountain spotted fever, and what's known as southern tick-associated rash illness, or STARI. The clothes were pre-treated with permethrin, a synthetic form of an insect-thwarting compound from the chrysanthemum flower. It's used in insecticide sprays and shampoos and creams that treat lice and scabies.



Several companies already market permethrin-treated shirts, pants, socks and other clothing, as a way to ward off disease-transmitting pests. The new study adds to evidence that the garments are indeed toxic to ticks, according to senior researcher Lars Eisen, of the U.S. Centers for Disease Control and Prevention.

"All tested tick species and life stages experienced the 'hot-foot' effect after coming into contact with permethrin-treated clothing," Eisen said.

That, he explained, made the ticks drop off of "vertically oriented" clothes — which would simulate a pair of pants when a person is standing.

In addition, Eisen said, when the ticks were in contact with the clothes for up to five minutes, they lost their ability to move normally — and to bite.

The CDC already recommends permethrin as one tactic for avoiding tick bites. It says that people can "treat clothing and gear, such as boots, pants, socks and tents, with products containing 0.5 percent permethrin."

## CDC: Treated Clothing Works Permethylrin, Made From Chrysanthemums, Makes Them Unable To Bite continued...

By AMY NORTON HealthDay, Hartford Courant

The agency further says that “pre-treated clothing is available and may be protective longer.” Thomas Mather is director of the University of Rhode Island’s Center for Vector-Borne Disease and its TickEncounter Resource Center. He said the new findings, published in late May in the Journal of Medical Entomology, offer more support for the tick-fighting garments.

“This can be a pretty effective way to stop ticks,” said Mather, who was not involved in the study. In his own research, Mather found there are benefits even with permethylrin-treated summer clothes that leave some skin uncovered — shorts, T-shirts and sneakers.

His team had a group of volunteers watch a movie while allowing lab-raised, disease-free ticks to crawl on their bodies. Some wore regular clothes, some wore clothes with permethylrin — either pre-treated or with the insecticide added using home kits. Those wearing either kind of treated clothing ended up with far fewer live ticks on their bodies by the end of the movie.

While people can use permethylrin on their regular clothes, the pre-treated garments hold up to many more washings, according to Mather — up to 70.

Some people may be wary of chemically treated clothes. But, Mather said, the amount of permethylrin in clothing is very low: A solution containing only 0.5 percent of the pesticide is “dried into” the fabric. According to the U.S. Environmental Protection Agency, research indicates that permethylrin is “poorly absorbed” through the skin, and there’s no evidence that treated clothing could be harmful to children or pregnant women.

U.S. military members have been using permethylrin-treated uniforms since the 1990s, the EPA noted. According to Mather, the garments may also be a good bet for people whose jobs or hobbies keep them outdoors.

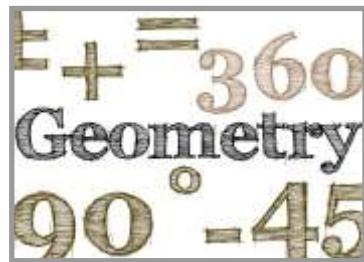
Eisen pointed to other CDC-recommended ways to cut the risk of tick-borne ills: Avoid wooded and brushy areas with high grass and “leaf litter”; walk in the center of trails; use EPA-registered repellents containing ingredients such as DEET, picaridin or oil of lemon eucalyptus; thoroughly check your body and clothes for ticks after being outdoors; and shower within two hours of coming back indoors.



## CALS Events



- Thursday, July 26th - Hartford Yard Goats Game. Last year was a great time for all who attended. Call the CALS office to reserve your tickets early so that we can all sit together! Tickets are \$10 each which includes a \$2 credit per ticket to go toward food or souvenirs.  
All 25 reserved seats have been sold. Call the CALS office today if you would like to join us for a fun evening.
- Wednesday, July 18th - Seminar - Cogo in a Spreadsheet Presented by Thomas Meyer, PhD., Kevin Franklin, L.S. & Kevin Nelson.  
In daily practice, surveyors rely on the processors built into their CAD programs when reducing raw field data to coordinates. It isn't that the coordinate geometry is overly difficult, but for large batches of data, pen and paper calculations simply take too long.  
This workshop is intended to provide attendees with another tool in the toolbox for working with field data. Microsoft Excel is a widely used spreadsheet program that is likely to be already installed on your office computer.  
See details on page 14.
- Friday, November 2nd - CALS 51st Annual Meeting, Sheraton Hotel, Rocky Hill, CT. Nothing can top the great celebration that we had last year but we sure are going to try!





# Take me out to the ballgame!

## CALS Summer Outing

Thursday, July 26, 2018  
Dunkin Donuts Park

1214 Main Street, Hartford, CT 06103

Gates open at 6:00 pm. Game begins at 7:05 pm

CALS has reserved a group of tickets so that we can all sit together and enjoy the game.

Bring your family and friends for a great evening out this summer.

Tickets are only \$10 each with a \$2 credit per ticket to go toward food or souvenirs.

### CALS Summer Outing - Hartford Yard Goats - Thursday, July 26, 2018

Name \_\_\_\_\_

Company \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

Please Reserve \_\_\_\_\_ Tickets @ \$10 each. Total Enclosed \$ \_\_\_\_\_

Credit Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_



Mail to The Connecticut Association of Land Surveyors  
78 Beaver Road, Suite 2-J, Wethersfield, CT 06109

CALS 25 seats in the left field grandstand have been sold.

Call the CALS office if you would like to join us.

This is a GREAT FAMILY event!

# Professional Development

## • COGO in a Spreadsheet Workshop

Presented by Professor Thomas Meyer, Kevin Franklin, L.S. and Kevin Nelson

Wednesday, July 18, 2018

### Course Summary

In daily practice, surveyors rely on the processors built into their CAD programs when reducing raw field data to coordinates. It isn't that the coordinate geometry is overly difficult, but for large batches of data, pen and paper calculations simply take too long.

This workshop is intended to provide attendees with another tool in the toolbox for working with field data. Microsoft Excel is a widely used spreadsheet program that is likely to be already installed on your office computer.

In hands-on exercises, we will demonstrate how to set up your own Excel template, which can then be used over and over again back at the office. It is anticipated that the template will be valuable as both a backup and a check on your CAD processors, and simultaneously beneficial in terms of reinforcing the COGO formulae and reductions.

We will review spreadsheet basics and unit conversions before dissecting a data set generated by students from Dr. Meyer's Natural Resources Applications of Surveying course at UConn. This workshop will be a condensed seminar of the same Excel functions, programming, and formatting as taught to UConn students.

To complete this workshop and get PDH or CEU credits you will take a 10-question multiple choice exam at the conclusion of the session. A minimum score of 70% is required to gain the credits for this workshop.

### Learning Objectives

Upon successful completion of this course, participants will be able to utilize a spreadsheet to:

- Convert angles and distances between commonly used units.
- Generate the coordinates of an unknown point and inverse between pairs of known coordinates.
- Reduce distances by their grid and point scale factors.
- Perform collimation corrections.
- Create a compass rule table and determine adjusted traverse coordinates.
- Perform a constrained least-squares adjustment on three-wire leveling observations.

### Workshop Requirements

In order to realize the potential of the information provided in this workshop, registrants must be able to plan for the workshop in advance. The following requirements of this workshop must be met:

1. Bring your own laptop computer with Microsoft Excel installed.
2. After you register, you will be provided with a folder containing sample raw files on either a thumb drive or a share drive link. Copy the files to your laptop.
3. The workshop room will have free WIFI access.

Cost \$200 members, \$250 non-members.

For more information, contact Jay Doody [jdoody@snet.net](mailto:jdoody@snet.net).

[Click here for a registration form](#)



# Professional Development

UNIVERSITY OF MAINE FALL 2018 <https://learn.maine.edu/get-started/>

CHARTEROAK STATE COLLEGE [www.charteroak.edu](http://www.charteroak.edu)

Charter Oak State College offers Connecticut's only academic validation for the profession of surveying. The Land Surveying Certificate is a list of seven surveying and related courses which can be taken at any university (including the University of Maine) for credit toward the certificate. The following courses which count toward credit in the Land Surveying Certificate are as follows:

Geomatics I course (ENV K163) Three Rivers Community College, Norwich, CT. Kevin Franklin, PLS in a classroom/lab setting, the focus will continue to be on GPS, surveying and mapping fundamentals. Additionally, through recent acquisitions, students will be exposed to robotic and conventional total stations, RTK network rovers, and multiple lab activities conducted on a Carlson Survey 2018 platform. For more information contact Kevin Franklin at [kfranklin@trcc.commnet.edu](mailto:kfranklin@trcc.commnet.edu).

This meets the requirement for Surveying 1.

Introduction to Engineering Graphics (CE 222). Central CT State University, New Britain, CT.

14 week course in basic AutoCAD and AutoCAD Civil 3D, Jay Doody PS/PE. Students will learn basic AutoCAD commands in model and paper space, then learn civil engineering applications in surveying, roadways, grading objects and drainage. This course is intended to be an on-line course if you want. You will receive a three-year license for Civil 3D 2019 as part of the class. Class meets Wednesdays 4:30pm-7:00pm. Contact Jay Doody at [atjdoody@snet.net](mailto:atjdoody@snet.net). This meets the requirement for CAD.

Boundary Law (EGR 410), Charter Oak State College, New Britain, CT. This is a 15-week on-line course covering all aspects of boundary law from legal principles, history, water boundary, unwritten rights, title searching, understanding and writing deeds, and professional issues. This course meets the boundary law requirement. 25% of the FS exam and 50% of the PS exam is concerned with boundary law. Contact Jay Doody at [jdoody@snet.net](mailto:jdoody@snet.net)

Legal Research & Writing (PLG 210) Charter Oak State College, New Britain, CT. This is an 8- week on-line course covering basic legal research and writing. You will learn how to research Federal and State statute law and case law, and weight your results for an attorney. Contact Jay Doody at [jdoody@snet.net](mailto:jdoody@snet.net).

You can earn credit for basic and advanced surveying requirements at Charter Oak State College by passing the FS exam or the NSPS CST-2 and CST-3 examinations. If you are interested in taking any of the CST exams, contact Jay Doody, your CST coordinator. Proctored exams can be arranged to be taken at your workplace.

So it is not to early to be thinking about continuing your surveying education, but do enjoy your summer!

Courses - Prefix/Code Matches	
Results for course prefix "SVT" ✓ = FALL 18	
<a href="#">SVT 100 - Introduction to Surveying Technology</a>	✓
<a href="#">SVT 110 - Instrumentation and Data Collectors</a>	✓
<a href="#">SVT 121 - AutoCAD for Surveyors I</a>	✓
<a href="#">SVT 122 - AutoCAD for Surveyors II</a>	✓
<a href="#">SVT 201 - Adjustment Computations</a>	
<a href="#">SVT 221 - Boundary Law</a>	
<a href="#">SVT 322 - Preparing Effective Property Descriptions</a>	✓
<a href="#">SVT 325 - Surveying/Engineering Ethics</a>	✓
<a href="#">SVT 326 - Record Research</a>	
<a href="#">SVT 329 - Site Planning and Subdivision Design</a>	✓
<a href="#">SVT 331 - Photogrammetry</a>	
<a href="#">SVT 341 - Advanced Surveying</a>	✓
<a href="#">SVT 352 - Practical Field Operations</a>	
<a href="#">SVT 418 - Fundamentals of Surveying Exam Overview</a>	✓
<a href="#">SVT 437 - Practical GPS</a>	✓
<a href="#">SVT 475 - Small Business Management</a>	
<a href="#">SVT 490 - Surveying Capstone</a>	
<a href="#">SVT 498 - Selected Topics in Surveying/Engineering Technology</a>	
<a href="#">SVT 102 - Surveying Principles for Civil Engineers</a>	

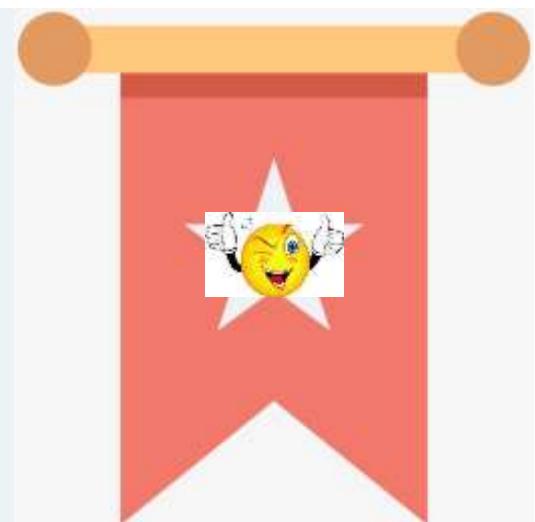
## CALS 2018 Scholarship Awards

- Colin Dempsey - William Berglund Scholarship  
Colin is a senior at Central Connecticut State University .
- Lars Johnson - Oliver Paquette Scholarship  
Lars is a senior at the University of Maine
- Amara Litten - Harry E. Cole Scholarship  
Amara is a part-time student at the University of Maine and has received her COSC Land Surveying Certificate.
- Zachary Fanotto - Harry E. Cole Scholarship  
Zachary is studying land surveying at the University of Maine.
- Nathan Storey - William W. Seymour Scholarship  
Nathan is also studying land surveying at the University of Maine.



## Congratulations to the following professionals who passed the LS Exam

- Timothy R. Bennett, L.S. - Plymouth, MA
- James J. Heiser, L.S. - Edison, NJ
- Michael Mastrogiacomo, L.S. - Mount Vernon, NY
- Steven M. Skultety, L.S. - Middletown, CT



All passed the land surveyors exam and will be issued their licenses.

They will be invited to be our guests at the CALS 51st Annual Meeting in November.



## ANNOUNCING NEW NSPS MEMBER SAVINGS!



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888.868.4030  
membercare@savingcenter.net



## God Bless America



**"You will never know how much it has cost my generation to preserve YOUR freedom.**

**I hope you will make a good use of it."** John Adams



**"The price of freedom is eternal vigilance."** Thomas Jefferson



**"Is life so dear, or peace so sweet, as to be purchased at the price of chains and slavery? Forbid it, Almighty God! I know not what course others may take, but as for me, give me liberty or give me death!"** Patrick Henry



**"What we obtain too cheap, we esteem too lightly: it is dearness only that gives every thing its value. Heaven knows how to put a proper price upon its goods; and it would be strange indeed if so celestial an article as freedom should not be highly rated."** Thomas Paine



*Be safe and be kind this holiday week.*

## Deepest Condolences

William Ferdinand Grunewald, life-long resident of Avon and loved by all who knew him, has passed away at his beloved home at the age of 93. Bill was predeceased by his wife, Virginia, his high school sweetheart and the love of his life for 67 years. He is survived by their two children, Douglas Grunewald and his wife Leslie of Livermore, California and Marcia Jones and her fiancé, Robert Diorio of New Hartford, his seven beloved grandchildren, Heather Gombos, Kristen Tangarone, Leise Smyrl, Robyn Ewig, Allison Jones, Gregory Jones and David Jones, and their spouses Christian, Jeremy, Stephanie, Kenneth and Deborah, and his beloved great-grandchildren, Corrin, Kathleen, Mary, Elise, Adam, Alex, Kellam, Genevieve and Margaret, as well as his adopted great-granddaughter, Emma.

Bill was born at Hartford Hospital on February 25th, 1925. He resided on Lovely Street his entire life and was a pillar of the Avon community for all of his adult life. He met Gini on the school bus and it was truly love at first sight for them both. He began his career as a surveyor while still in high school, apprenticing to Merton Hodge Surveying at the age of 15. Merton held his job for him when he joined the Merchant Marines at the onset of [World War II](#), where he served in the Pacific on the freighter USS Alamo Victory.

When Bill and Gini married in 1946, Bill continued to work for Merton Hodge, who became his friend and mentor. He was especially valued by Merton for his business skills and his special connection with people and Bill acquired his surveyor's license under Merton's tutelage. Upon his death, Merton left his business to Bill and two partners, who restructured the business to become Hodge Surveying Associates, a well-known and well-respected business dedicated to superior knowledge, quality work, and community service. The business further expanded to include Hodge Engineering Associates, Inc. with the addition of the engineering firm of Buck and Buck.

Bill was active in town politics and had many friends and associates through that venue. He was on the building committee of Avon High School and the Avon Senior Center, a life-time member of the Golf Club of Avon where he and Gini both pursued their insatiable love of golf, and a parishioner of St. Matthew Lutheran Church from which he drew love, support and faith.

Bill was known as a dependable community member and valued friend. All who knew him loved him for his honesty, integrity, patience and humor. Bill saw the best in every person and every situation, and was a true gentleman in every sense of the word.

The family would like to thank Peg Murphy and her husband, Bob, for their unending friendship, love and support, and all of Bill's close friends whose friendships were so valued and treasured.

In lieu of flowers, donations may be made to the Avon Health Center, 652 West Avon Rd., Avon, CT 06001, whose nurses and aides took such good care of Gini in her last years and meant the world to Bill.

# Surveyors

## TRIVIA CHALLENGE

Name these Cities or Towns:

1. Brass City
2. Silver City
3. Rose City
4. Park City
5. Silk City
6. Elm City
7. Hardware City
8. Hat City
9. Thread City
10. Clock City
11. Rubber City



See page 26 for answers.



### Results of NSPS Journalism Contest for 2017 publications

Best Affiliate Newsletter Tie – **Connecticut Assoc. of Land Surveyors & New Hampshire Land Surveyors Association**

Best State Society Magazine Tie – New Hampshire Land Surveyors Association & Professional Land Surveyors of Oregon

Best Original Feature Article Michigan Society of Professional Surveyors

Best Editorial Tie – Nevada Association of Land Surveyors & Professional Land Surveyors of Oregon

## Classified Ads



### Fairfield County

- **Licensed Land Surveyor** - S.E. Minor & Company, based in Greenwich, CT seeks to hire a full time CT licensed land surveyor. Experience with all phases of land development is essential. Needs to be able to communicate effectively with survey and engineering staff, clients, municipal review boards and other design professionals. Requires ability to work independently and with a team, assist in establishing project budgets, schedules, and meet established deadlines. Minimum 6 years relevant experience; L.S. required. Requires excellent verbal and written communication skills as well as proficiency in the use of AutoCAD and related software.

Competitive salary commensurate with experience; health and 401k benefits package offered. Candidates should email resumes to: [resumes@seminor.com](mailto:resumes@seminor.com).

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Surveyors and Field Technicians, Build your future with us!

**Join the Redniss & Mead Team** of Land Use Specialists in our firm located in **Fairfield County, CT**. With a strong commitment to our core values of Quality, Integrity, Service and Respect, Redniss & Mead prides itself on a work environment where you learn from and collaborate with an experienced team of civil engineers, land surveyors and planners. You will be part of a culture that encourages work-life balance, career growth and personal development. We are currently in search of both **entry level and experienced candidates** to join our team to support a busy workload.

- **Surveyor** candidates should have experience in the processing and preparation of all types of surveys, including boundary surveys, topographic surveys and construction layout. Knowledge of AutoCAD is required. Responsibilities include: performing fieldwork, processing and mapping of fieldwork, coordination with clients and in-house teams of surveyors, engineers and planners.
- **Field Technician** candidates should have an education background in a field related to land surveying and some relative work experience (data collection experience is beneficial). The position entails instrument operation, collecting and uploading survey data, maintaining field equipment, conducting deed research and frequently meeting with the Project Surveyor team.

For both positions, the candidate will have the opportunity to work on a variety of project types including residential, commercial and institutional. For consideration, please apply via LinkedIn or forward your resume to: Lawrence W. Posson, PLS, Director of Surveying: [L.Posson@rednissmead.com](mailto:L.Posson@rednissmead.com).

*We are an Equal Opportunity Employer and offer competitive compensation and an excellent benefits package including merit-based bonuses, medical/dental/vision, paid time off, life and disability insurance, 401K retirement plan, family/medical/military leave, health club membership and financial support for professional licensing, certification and membership fees. Visit our website at [www.rednissmead.com](http://www.rednissmead.com).*

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- **Connecticut Licensed Land Surveyor** to perform land record research, field work, office computations and drafting. CAD experience a must with newer versions of Autocad. This is a full-time position.

Contact Paul at Brautigam Land Surveyors, P.C. 203-270-7810.  
Or send resume to [Surveyor@BrautigamLand.com](mailto:Surveyor@BrautigamLand.com).

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## Classified Ads

### Fairfield County continued...

- **Survey Technician/Party Chief** - Arcamone Land Surveyors LLC located in Norwalk, CT is looking to hire a full or part time CT surveyor. Responsibilities include performing land title search, zoning location surveys, property surveys, topographic surveys, construction layout and staking and elevation certificates. Knowledge of AutoCAD and data collection in processing and preparation of all surveys is required. Ideal candidate should have a minimum of 6 years field experience. Robotic/GPS experience a plus. A valid driver's license with a clean driving record is required. Arcamone Land Surveyors offers a competitive salary, paid vacation, paid holiday and health club benefit.

Please submit resume to Wayne Arcamone P.L.S./Owner at  
[wayne@arcamonesurveyors.com](mailto:wayne@arcamonesurveyors.com).



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### Hartford County

- **Party Chief** - Martin Surveying Associates, LLC, a growing firm located in Berlin, Connecticut is seeking a party chief with the following qualifications:
  - 5+ years of experience in the role of a Party Chief.
  - Ability to perform and work as a one-person crew utilizing robotic total stations and GPS equipment.
  - Experienced in ALTA/NSPS Surveys, boundary surveys, topographic surveys and construction layout on large commercial projects. AutoCAD experience a plus.

Please send Resume to: Martin Surveying Associates, LLC, 321 Ellis Street, New Britain, CT 06051  
[martinsurveying148@yahoo.com](mailto:martinsurveying148@yahoo.com)

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- **Surveyor Party Chief** - J.R. Russo & Associates, LLC, is a growing civil engineering and land surveying firm in East Windsor, Connecticut providing land surveying and site engineering services in both Connecticut and Massachusetts. Our comfortable atmosphere and excellent benefits have enabled us to retain an experienced workforce, many with over 20 years of service. we have an opportunity for a dependable and motivated full-time Survey Party Chief to join our survey team.

The successful candidate will have 6 years of experience in land, boundary and topographic surveying and construction layout. Experience with robotics, GPS and Leica equipment is a plus. Valid driver's license and clean driving record a must.

We offer a competitive salary, medical and dental insurance, paid personal time off, paid holidays and retirement plan. Please submit your resume to [Inoble@jrrusso.com](mailto:Inoble@jrrusso.com).

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## Classified Ads

### Hartford County continued...

Anchor Engineering Services, Inc., a multi-discipline Engineering, Surveying and Environmental firm working on a wide and varied list of projects, has two openings for qualified, motivated people. Anchor Engineering Services, Inc. provides land surveying services throughout Connecticut and western MA on a wide variety of projects including, subdivisions, bridges, railroads, utilities, boundary surveys, ALTA surveys and many others. These are great opportunities for career development:

- **Survey Instrument Operator / Field Technician:** 1+ years exp. Data collector, GPS, total station exp. required.
- **Survey Crew Chief:** 5+ years exp. Data collector, GPS, total station exp. require, CAD experience helpful.

Pay commensurate with experience. Benefits including health/dental insurance, 401(k) plan and vacation. Please send resume to: Anchor Engineering Services, Inc., 41 Sequin Drive, Glastonbury, CT 06033. careers@anchorengr.com EEO/AA



**Land Surveyor - Senior CAD Manager**—MCA is looking for a candidate with a broad range of experience and skills necessary to support multiple field crews.

Computations, title research analysis, property-boundary determination, preparation of stakeout and QA/QC for projects ranging from ALTA/ACSM, boundary and topographic surveys, and cross sections are among the expertise required. High quality work and attention to details are essential qualities for the position.

At least five years of experience is required. Must be proficient with AutoCAD. Knowledge of MicroStation is a plus. Professional License is not required but will be considered a plus.

Martinez Couch & Associates, LLC (MCA) is a growing Land Surveying, Civil Engineering and Environmental Consulting firm based in Rocky Hill, CT. MCA offers a competitive salary and benefits package including paid vacation, medical insurance, 401(K) retirement plan, life insurance, Short-Term Disability and Long Term Disability as well as a professional working environment with opportunity for professional growth and advancement.

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**AutoCAD Civil 3D Instructor Fall 2018** - Central CT State University. BS Engineering or related+PE/PLS or MS Engineering or related. Meets Wednesdays, 4:40pm-7pm. Course is geared to on-line instruction. Lectures and Videos prepared. Time commitment 10 hours per week for grading. Can start as co-instructor, take over when ready. Required proficiency in latest versions, We will use C3D 2019 in the fall. 2 credit course, Instructor A salary \$1526.00 per credit. Contact Jay Doody [doodj@ccsu.edu](mailto:doodj@ccsu.edu).

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## Classified Ads - Hartford County continued...

### Litchfield County

- **Licensed Land Surveyor** - Civil 1, a civil engineering, planning, consulting and land surveying firm, located in Woodbury, CT, seeks to hire a professional land surveyor (PLS) with 5+ years of experience. Qualified individual will lead the land surveying department in researching land records, conducting field work, utilizing state-of-the art Robotic/GPS instruments, survey calculations, construction stakeout, overseeing the operation and maintenance of survey equipment, and communicating with the project team. This position requires a self-starter who is proficient using AutoCAD Civil 3D and GPS/RTK; has prior experience as a crew chief; is able to read and interpret construction plans; and can operate survey equipment, including but not limited to robotic total stations, GSP survey equipment, data collectors and automatic level. The candidate must hold a valid driver's license with a clean record. Civil 1 offers a salary commensurate with experience, paid vacation and holidays, and a competitive benefit package.

Please submit resume to Alice Jones, Office Manager at [alice@civil1.com](mailto:alice@civil1.com).

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### Middlesex County

- **Survey Project Manager** - BL Companies, an ENR Top 500 Architectural, Engineering, Environmental and Land Surveying Consulting Firm has an exciting career opportunity immediately available for a Survey Project Manager to join the firm's growing survey division in its Meriden, Connecticut office. The selected candidate will have at least 8 years' experience and will be responsible for managing the successful delivery of survey projects. The position includes the preparation of proposals, estimating project costs, managing project budgets, resource planning, and client contact. Excellent verbal and written communication skills along with organizational skills are required for this position. Professional license is not required but desirable. This individual will work closely with BL's Survey Management team and will participate in overall operations of the department. The candidate will also participate in BL's leadership development programs and will have a unique opportunity to make a broad and significant contribution to BL's growth while advancing their leadership skills.  
BL Companies offers an excellent benefits package and fosters a growth-oriented work environment. Please send resume to: Human Resources, BL Companies, 355 Research Parkway, Meriden, CT 06450, via fax to 203-630-2615 or e-mail [resumes@blcompanies.com](mailto:resumes@blcompanies.com). EOE. Visit our website at [www.blcompanies.com](http://www.blcompanies.com). An Employee Owned Company.

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### New Haven County

**Career Opportunity** - Godfrey-Hoffman Associates, LLC & Hodge, LLC are small survey/civil firms with our headquarters in North Haven, CT and a satellite office in Farmington CT. Since 1924 & 1925 respectively GHA & Hodge have provided Connecticut with superior service and integrity in the land surveying & civil engineering arena.

- **Civil Engineer, Project Manager:** Small multi-discipline firm looking for self-motivated, energetic engineer to fill this full-time permanent position. Duties to include, residential & commercial site planning, subdivision design, storm water management and onsite sewage disposal system design. Must possess excellent written and verbal skills as well as be experienced with AutoCAD, and the public approval process required. Minimum 5 years' experience. PE license preferred but not required.  
Career oriented individual willing to work on projects from initial concept, thru design and construction. Some night commission meetings will be required.  
This position offers exposure to a diverse workload that provides for excellent professional development

## Classified Ads

### New Haven County continued...

- **Survey/Field Technician** needed for a small civil/land surveying firm in Meriden. Candidate must have a min 2 years experience in the surveying field and experience in the processing and preparation of all types of surveys, including boundary surveys, topographic surveys and construction layout. Knowledge of AutoCAD and Data Collection is required. Responsibilities include performing fieldwork, processing and mapping of fieldwork, coordination with clients and in-house staff. Work for this position will be on a variety of project types including residential, commercial and industrial. For consideration, please forward your resume to Scott Poryanda at [scott@cce95.com](mailto:scott@cce95.com) or call the office 203-639-8636.
- 

- **Civil Engineering Technician** needed for a small civil/land surveying firm in Meriden. Candidate must have a min 2 years experience in the civil engineering field. Knowledge of AutoCAD is required. Some responsibilities will include the designing of subdivisions, septic systems, plot plans, and commercial projects. If you are looking to expand your experience, please forward your resume to Scott at [scott@cce95.com](mailto:scott@cce95.com) or call the office 203-639-8636.
- 

### Tolland County

- CME Associates, Inc. is seeking a full-time Land Survey Technician to work out of our Storrs, CT office. The candidate will be required to go out in the field to gather survey data, set monuments or stakes and prepare all manners of mapping for our design and construction projects under the direction of a licensed land surveyor. We are looking for a candidate with 1+ years of experience working in a Land Survey crew, who enjoys enjoy working outdoors, is able to lift 50 lbs. and has a current/valid driver's license. For more information, or to apply now, please go to <https://cmeengineering.applicantpro.com/jobs/799035-162241.html>.

***CME is an EOE/AA/VEV/Disabled Employer.***

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### Connecticut/New Hampshire/Rhode Island

- GM2 Associates, Inc., an established comprehensive engineering design and construction firm is seeking to hire **Massachusetts Licensed Land Surveyor** for a full-time position. Required experience includes the ability to operate survey equipment, GPS, Total Station, and perform field and office work, including AutoCAD; Carlson experience preferred. Some travel will be required. Visit <https://gm2inc.com/careers/> to submit your resume. Please, no phone calls. GM2 Associates, Inc. is a CT based EOE providing services throughout the northeast via its CT, NH and RI locations.
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## Classified Ads

### Southern Connecticut State University Civil Engineering Students Looking for Summer Work & Careers

Jay Doody has announced that his GPS class is getting ready to go to work for the right CALS business owner this summer or beyond.

Let Jay know what you are looking for and in what town your office is located, and he will pass the information along to those students who live in your geographical area.

Reply to Jay Doody at [doodyj@ccsu.edu](mailto:doodyj@ccsu.edu)



#### TRIVIA ANSWER (from page 20)

- |               |                |
|---------------|----------------|
| 1. Waterbury  | 6. New Haven   |
| 2. Meriden    | 7. New Britain |
| 3. Norwich    | 8. Danbury     |
| 4. Bridgeport | 9. Willimantic |
| 5. Manchester | 10. Bristol    |
|               | 11. Naugatuck  |

# JULY 2018

Connecticut Association of Land Surveyors



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4 Independence Day	5	6	7
8	9	10	11	12	13	14
15	16	17	18 COGO in a Spreadsheet Workshop	19	20	21
22	23	24	25	26 Hartford Yard Goats Baseball Game	27	28
29	30 International Day of Friendship	31				



# PLEASE SUPPORT YOUR SUSTAINING MEMBERS



<p><b>A CUT ABOVE AERIAL IMAGING</b> <b>Aerial Photogrammetry Services</b> Dennis Carbo - 860-212-8559 <a href="http://www.dcarbophoto.com">www.dcarbophoto.com</a> <a href="mailto:Dcarbo@mac.com">Dcarbo@mac.com</a></p>	<p><b>FENNER &amp; ESLER AGENCY</b> <b>Professional Liability for Engineers &amp; Surveyors</b> Timothy P. Esler - 201-262-1200 <a href="http://www.fenner-esler.com">www.fenner-esler.com</a> <a href="mailto:tpesler@gmail.com">tpesler@gmail.com</a></p>	<p><b>STRONGHOLD INSURANCE &amp; FINANCIAL SERVICES</b> <b>Discount Health Insurance</b> Greg LaBaw - 203-925-1639 ext. 102 <a href="http://www.strongholdinsurance.com">www.strongholdinsurance.com</a> <a href="mailto:glabaw@strongholdinsurance.com">glabaw@strongholdinsurance.com</a></p>
<p><b>BERNTSEN INTERLATIONAL IMAGING</b> <b>Survey Markers &amp; Monuments</b> Kari Campbell - 800-356-7388 <a href="http://www.berntsen.com">www.berntsen.com</a> <a href="mailto:Kcampbell@berntsen.com">Kcampbell@berntsen.com</a></p>	<p><b>GEO MAPS INTERNATIONAL</b> <b>Aerial Photogrammetry Services</b> William Crawbuck - 516-827-9100 <a href="http://www.geomapsintl.com">www.geomapsintl.com</a> <a href="mailto:billc@geomapsintl.com">billc@geomapsintl.com</a></p>	<p><b>SUPERIOR INSTRUMENT</b> <b>Surveying Instruments &amp; Supplies</b> a full-line Topcon Dealer Pay O'Malley - 888-852-7377 <a href="http://www.superiorinstrument.com">www.superiorinstrument.com</a> <a href="mailto:pomalley@superiornetwork.com">pomalley@superiornetwork.com</a></p>
<p><b>CARLSON SOFTWARE</b> <b>Surveying Software</b> Jim Carlson - 703-627-3055 <a href="http://www.carlsonsw.com">www.carlsonsw.com</a> <a href="mailto:jcarlson@carlsonsw.com">jcarlson@carlsonsw.com</a></p>	<p><b>GOLDEN AERIAL SURVEYS</b> <b>Aerial Photogrammetry Services</b> Rick Markey - 203-426-3322 <a href="http://www.goldenaerialsurveys.com">www.goldenaerialsurveys.com</a> <a href="mailto:rmarkey@gassurveys.com">rmarkey@gassurveys.com</a></p>	<p><b>TOPCON SOLUTIONS STORE</b> <b>Surveying Instruments &amp; Supplies</b> Paul Morin - 860-388-9008 <a href="http://www.topconsolutions.com">www.topconsolutions.com</a> <a href="mailto:pmorin@topconsolutions.com">pmorin@topconsolutions.com</a></p>
<p><b>COL EAST INTERNATIONAL, LTD</b> <b>Aerial Photogrammetry Services</b> Mark Thaisz - 800-359-8676 <a href="http://www.col-east.net">www.col-east.net</a> <a href="mailto:mthaisz@col-east.com">mthaisz@col-east.com</a></p>	<p><b>KEYSTONE PRECISION INSTRUMENTS</b> <b>Surveying Instruments &amp; Supplies</b> Eric Bieler - 860-558-5700 <a href="http://www.keypre.com">www.keypre.com</a> <a href="mailto:ebieler@keypre.com">ebieler@keypre.com</a></p>	<p><b>WADDELL &amp; REED</b> <b>Financial Services</b> Matthew Peak - 860-432-8111 <a href="http://www.wadell.com">www.wadell.com</a> <a href="mailto:peak@wradvisors.com">peak@wradvisors.com</a></p>
<p><b>DESIGN PRODUCTS, CO.</b> <b>Engineering Equipment &amp; Supplies</b> Tim Lagosh - 860-666-8573 <a href="http://www.designproductscompany.com">www.designproductscompany.com</a> <a href="mailto:tim@dpcct.com">tim@dpcct.com</a></p>	<p><b>MAINE TECHNICAL SOURCE</b> <b>Surveying Instruments &amp; Supplies</b> Mike Gage - 800-322-5003 <a href="http://www.mainetechnicalsource.com">www.mainetechnicalsource.com</a> <a href="mailto:mgage@mainetechnical.com">mgage@mainetechnical.com</a></p>	<p><b>WAYPOINT TECHNOLOGY GROUP, LLC</b> <b>Professional Positioning Services</b> Greg Hunt - 518-438-6293 <a href="http://www.waypointtech.com">www.waypointtech.com</a> <a href="mailto:ghunt@waypointtech.com">ghunt@waypointtech.com</a></p>
<p><b>EASTERN TOPOGRAPHICS</b> <b>Aerial Photogrammetry Services</b> Sharon Copp - 603-569-2400 <a href="http://www.e-topo.com">www.e-topo.com</a> <a href="mailto:scopp@e-topo.com">scopp@e-topo.com</a></p>	<p><b>REYNOLDS STRATEGY GROUP</b> <b>Counselors at Law</b> Kevin Reynolds - 860-308-2388 <a href="http://www.rsgllc.com">www.rsgllc.com</a> <a href="mailto:kreynolds@rsgllc.ocm">kreynolds@rsgllc.ocm</a></p>	<p><b>WPS USA</b> <b>Multi-disciplinary Engineering Services</b> Ted Covill - 508-248-1970 <a href="http://www.wspgroup.com">www.wspgroup.com</a> <a href="mailto:ted.covill@wspgroup.com">ted.covill@wspgroup.com</a></p>
	<p><b>SMITH BROTHERS INSURANCE</b> <b>Insurance Center</b> Scott Smith - 860-430-3287 <a href="http://www.SmithBrothersUSA.com">www.SmithBrothersUSA.com</a> <a href="mailto:ssmith@smithbrothersusa.com">ssmith@smithbrothersusa.com</a></p>	<p>28</p>

# July is National Blueberry Month



Blueberry Pie Recipe

## Ingredients

- 6 cups fresh blueberries
- 2/3 cup sugar
- 1/4 cup cornstarch
- 1/4 teaspoon cinnamon
- 1 tablespoon lemon juice
- 1 tablespoon unsalted butter cut into small pieces
- Egg white from a large egg



## Directions

1. **Make the filling:** Stir the blueberries, granulated sugar, cornstarch, cinnamon, and lemon juice together in a large bowl. Set filling aside as the oven preheats.
2. Preheat oven to 400°F (204°C).
3. **Fill bottom pie crust and dot the pieces of butter on top of the filling.** Spread the top crust over the pie, seal with fork .
4. Lightly brush the top of the pie crust with the egg/milk mixture. Sprinkle the top with a little coarse sugar, if desired.
5. Place the pie onto a large baking sheet and bake for 20 minutes. Keeping the pie in the oven, turn the temperature down to 350°F (177°C) and bake for an additional 25-30 minutes. After the first 20 minutes of bake time, I place a pie crust shield on top of the pie to prevent the edges from browning too quickly.
6. Serve with vanilla ice cream while still warm.

Connecticut Association of Land Surveyors  
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Phone: 860/563/1990 Fax: 860/529/9700

Website: [www.ctsurveyors.org](http://www.ctsurveyors.org)  
email: [kathy@ctsurveyors.org](mailto:kathy@ctsurveyors.org)