

## MALSCE News

A monthly Massachusetts Association of Land Surveyors and Civil Engineers member newsletter.

December 2016

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## Upcoming Events

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### The Eighth Annual Legal Perspectives on Land Surveying

Friday, January 27, 2017

The Conference Center at  
Waltham Woods  
860 Winter Street  
Waltham, MA 02451

### Speakers

Daniel J. Bartlett,  
Denise A. Chicoine,  
Edward S. Englander,  
Alyssa M. Holmes,  
Robert S. Mangiaratti,  
Kathleen M. O'Donnell,  
Shannon F. Slaughter,  
Paul J. Tyrell

Don't miss the eighth installment of this popular seminar examining legal issues impacting the land surveying profession. The panel will address many topics that will enable you to create a more effective survey which

## MALSCE Education Trust Scholarships

Are you or someone you know studying land surveying or engineering? The MALSCE Education Trust offers students scholarships every year for Massachusetts residents. They offer three types of scholarships annually:

- **Survey Certificate Program Scholarship**
  - [Application](#)
  - [Requirements](#)
- **Memorial Scholarship**
  - [Application](#)
  - [Requirements](#)
- **UMAINE Scholarship**
  - [Application](#)
  - [Requirements](#)

**Applications are due February 15, 2017.** For more information, please [click here](#).

## Surveying News

### Affording a Surveying Education

By Knud E. Hermansen, PLS, PE, PhD, Esq.

I am a faculty member in the surveying program at the University of Maine and a parent of three college educated children. I am often asked, mostly by parents, what financial aid is available for their children. I will share the guidance I provide on the subject of how to afford a quality four-year surveying education.

may help parties avoid litigation or prevail on disputed claims.

## What You Will Learn:

- Traps for the unwary: a primer in title searches at the registry
- Board of Registration update: best practices
- The ins and outs of "color of title"
- Accretion and erosion and effect on registration
- Whose trees are these? Shade trees, timber value, and more
- Recent developments in Massachusetts case law

7:30 - 8:00 AM Registration;  
8:00 - 4:00 PM Seminar

For more information, [click here](#).

**Registration Deadline:  
Friday, January 20, 2017**

To register online, [click here](#).

**-- Save the Date --**

## 2017 MALSCE Annual Convention

**Friday and Saturday, March 24 - 25, 2016**

DoubleTree by Hilton  
Leominster  
99 Erdman Way  
Leominster, MA 01453

Developed with the support of the MALSCE Eastern Massachusetts Chapter, the 2017 MALSCE Convention features:

### **In-depth Business Sessions**

Including general and concurrent sessions examining legal, technological, professional practice, and business trends impacting the land surveying and civil engineering professions

### **Convention Exhibits**

Showcasing the latest technologies and services

### **Surveyor-in-Training and**

**Apply for Surveying Scholarships** - Almost every state surveying society has scholarships available for aspiring surveyors. National professional societies such as the National Society of Professional Surveyors have scholarships available to students (<http://www.nsps.us.com/?page=Scholarships>).

Scholarship committee members often lament how few scholarship applications they receive. The fact is that a majority of surveying students do not apply for the numerous surveying scholarships that are available.

[Read More...](#)

## Updates from Massachusetts Board of Registration of PEs and PLSs - November & December 2016

### **December 15, 2016 and PLS (EN) Board of Registration Meeting**

The Board discussed these issues:

- Effective January 1, 2017, the new officers of the Board will be: Paul J. Tyrell, PE, PLS, Chair, Ronald Willey, PE, Vice Chair, and Peter Hale, PLS, Secretary
- The Board had more than 120 applications from EITs applying to become Professional Engineers to review before, during and after the public meeting.

[Read More...](#)

## GPS Day - March 25, 2017

### **How can I take part in GPS Day on March 25?**

GPS Day takes place each year during National Surveyors Week. Sponsored by NSPS and often coordinated with the National Geodetic Survey (NGS) and Esri, it is an opportunity for surveyors to reach out to the public and explain how they use GPS technology, its significance within the surveying profession, and how it ultimately affects the community.

[Read More...](#)

## Volunteers Needed

### PLS Exam Refresher Courses

Space will be limited, so register early

### Networking Breaks, Benefit Auction, Beer Tasting and more!

Learn from your peers

Stay tuned for more convention and registration information!

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## Affiliate Association Events

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### New York State Association of Professional Land Surveyors

*58th Annual Surveyors Conference & Exhibit*  
Wednesday- Friday, January 18-20, 2017  
Verona, NY  
[More Info](#)

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## Help Wanted:

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### Benjamin Franklin Institute

Benjamin Franklin Institute seeks **Adjunct Instructor for Construction Surveying Course** from January 17 to May 15, 2017 in **Boston, MA.**

The purpose of this course is to provide the student with the fundamental understanding of land surveying, including both the theory of surveying as well as the hands-on use of modern surveying instruments. Specifically, the theory portion of the course includes surveying computations of: grade, direction, traverse adjustment, area, volume, and horizontal & vertical curve geometry.

The instrumentation portion of the course includes making

## Board of Registration Seeks Civil Engineer Member for 2018

The Massachusetts Board of Registration of Professional Engineers and Professional Land Surveyors is looking for potential candidates for the Professional Engineer-Civil position on the Board. This appointment would be made by the Governor for a term that would start in January 2018.

You must be currently licensed as a Professional Engineer in the Commonwealth of Massachusetts as a Civil Engineer and reside in Massachusetts.

[Read More...](#)

## Wastewater Advisory Committee seeks PE by January 31, 2017

The Wastewater Advisory Committee (WAC) to the MWRA is seeking a Professional Engineer licensed in Massachusetts and living in Massachusetts for membership on the WAC.

Preference for Professional Engineers with a background in water (civil) or energy technology, but will consider resumes Professional Engineers in other disciplines such as electrical or mechanical.

[Read More...](#)

## Future City New England Regional Competition seeks Two Land Surveying Judges for January 21 in Boston

NCEES is in the process of recruiting surveyor judges for the Future City Regional Competition. They have asked us to let MALSCE members know they need two judges for the NCEES Best Land Surveying Practices Award in the 2017 Future City Regional Competition. For more information about this competition, please [click here](#).

If you are interested in judging, please contact:

**Christian Cernauskas**  
Marketing & Outreach Associate  
[ccernauskas@ncees.org](mailto:ccernauskas@ncees.org)

field measurements of elevation, distance and angle using the appropriate land surveying equipment including: the tape, engineer's level, transit, theodolite, EDM, and total station. An introduction to construction layout is also included.

Upon successful course completion, students will understand the use of measuring systems and the proper mathematical calculations to produce accurate and correct true distances and the use of a level and the mathematical calculations to determine elevation differences. Understand the use of a transit to determine vertical and horizontal angles to locate reference points as applied to construction staking and surveying. Students will have an improved understanding of the rule on Construction Surveying and layout in the operation of the construction industry. (Offered in the spring)

Instructor Rate: \$50/hour each hour of the course for 60 hours (2 days a week)

For more information, contact:  
**Thomas J. DeCosta**  
[tdecosta@bfit.edu](mailto:tdecosta@bfit.edu)  
Coordinator of Construction Management  
Electrical Technology Instructor  
Benjamin Franklin Institute of Technology  
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*For a limited period of time, including a help-wanted advertisement in MALSCE News is being offered as a free MALSCE member benefit. If your company has a job opening that it would like to promote, please forward a brief job description (i.e., less than 200 words), which can include a hyperlink to a more detailed job overview/application process to MALSCE at [malsce@engineers.org](mailto:malsce@engineers.org).*

**NCEES**  
T: 864/654-6824  
[www.ncees.org](http://www.ncees.org)

## Educational Programs

### Bristol Community College Legal Aspects Online Course For Spring 2017

Bristol Community College (BCC) will be offering an online course entitled, "Legal Aspects of Boundary Surveying" for Spring 2017.

The course covers land surveyor ethics and professional responsibility, real property law, real and record evidence, conveyances, recording systems, legal aspects of boundary establishment, unwritten title, easements, prescription, water boundaries and surveying plans.

[Read More...](#)

### UMaine Offering Courses to Surveying Community starting January 17, 2017

The University of Maine Surveying Engineering Technology (SVT) invites the New England surveying community to take any of the online classes listed below starting on January 17, 2017. Please note that these classes will only be offered if it has a guaranteed interest level. If you are interested in enrolling, please email Ray Hintz ([Raymond.Hintz@umit.maine.edu](mailto:Raymond.Hintz@umit.maine.edu)).

- SVT 201 - Adjustment Computations
- SVT 331 - Photogrammetry
- SVT 352 - Practical Field Operations
- SVT 532 - Survey Strategies in Use of Lidar
- SVT 541 - Geodesy

[Read More...](#)

**MALSCE Sustaining Members: Carlson Software, Eastern Topographics, Eljen Corporation, Golden Aerial Surveys, Keystone Precision Instruments, Maine Technical Source, Spiller's, and Waypoint Technology Group**

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*MALSCE News* is a monthly publication of the Massachusetts Association of Land Surveyors and Civil Engineers that is produced by Anita Lum, Abbie Goodman, and Richard Keenan with thanks to MALSCE President Sean Ewald. This newsletter highlights the program and activities of MALSCE and reports on national and local matters of interest to land surveyors and civil engineers. While we cannot promise to print all news items that we receive, if you have one to share with your fellow MALSCE members please forward it to Rich Keenan at [rkeenan@engineers.org](mailto:rkeenan@engineers.org).

**Questions or comments?**

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