

University of Maine
Surveying Engineering Technology (SVT) News
<http://www.umaine.edu/set/svt/>
Fall 2013

This newsletter is sent to alumni and friends of the surveying program at the University of Maine. The surveying program not only educates students for the profession of surveying, it is meant to serve the surveying profession by providing educated graduates that can be trained and eventually licensed as surveyors.

DUAL DEGREE — Starting immediately, Forest Resource students can obtain a dual degree in Surveying Engineering Technology and Forestry by taking just three extra credits. In the Northeastern United States there exist a significant number of dual licensed foresters and surveyors. Boundary retracement and environmental mapping remain a necessary service prior to harvesting timber. There is a demand among government agencies and consulting firms for individuals with dual licenses as a forester and surveyor or able to obtain dual licenses in both professions. Increasing academic requirements to obtain both licenses have made it difficult for new college graduates to achieve dual licensing. This semester, a program was approved by the SVT faculty and Forest Resource faculty that would allow Forestry students to focus on those aspects of surveying related to boundary retracement, environmental mapping, and timber harvesting (e.g., low speed road design) and earn a dual degree. Dual degree students will take extra surveying courses in the area of advanced surveying, CAD, and boundary law. Students that plan to work in firms providing traditional surveying services in the areas of boundary retracement, land development, construction, control surveys, and mapping or pursue a both a professional engineering license (P.E.) and surveying licenses should enroll in the traditional SVT program.

Louis Morin, a faculty member in Forest Resources, will advise dual degree students. Louis Morin is an adjunct faculty in the Surveying Engineering Technology program.

ENROLLMENT — Starting in the Fall semester 2013, there were a total of 45 students in the SVT program. There are 30 Maine residents, 3 Saudi Arabia (ARAMCO) students, 2 Massachusetts residents, 3 Vermont residents, 3 Connecticut residents, 1 Rhode Island resident, and 3 New Hampshire residents.

HISTORICAL GRADUATES — Since the inception of the SVT program, there have been graduates from the following states/countries: 61 Maine, 8 Massachusetts, 6 New Hampshire, 6 Vermont, 4 Connecticut, 2 Rhode Island, 1 Arizona, 1 Wisconsin, 1 New York, 1 North Carolina, and 4 Saudi Arabia.

RECRUITING — The program's most critical need is not money but STUDENTS! This year we had five times as many employment offers as students to fill the need. Here are some things you can do to help with recruiting:

- Call the local high school and offer to talk to students about surveying at "career day"
- Offer a high school student a chance to "job shadow" you for the day

- Talk to the math teacher and provide some real world (surveying) math problems (i.e., Trig Star program does this)
- Go to guidance counselor offices and bring information about surveying education available at two-year programs and the University of Maine program.
- Check out the U-Tube video and see that prospective students get a chance to view it.

<http://www.youtube.com/watch?v=rTVTFbYJ3Nw>

Based on a survey of our first year surveying students, surveying attracts students that like outdoor activities, working independently, and want responsibility.

If you know of any veterans that are getting off active duty, encourage them to attend a surveying program. We have many veterans in the program and among our alumni.

TRANSFER AGREEMENTS — Transfer agreements for two-year colleges have been updated and are linked to the SVT web site. Transfer from a two-year program to the four-year SVT program at the University of Maine is relatively easy with advance planning.

<http://www.umaine.edu/set/svt/Articulation.htm>

EMPLOYERS – Alumni are encouraged to check out the SVT website for recruiting, program and employment information. Be sure your firm and a link to your firm is available under the heading: “[Surveying or Mapping Related Firms Owned By, Employing Alumni, or Supporting the Program](#)”

LINKEDIN — There is a SVT forum on LinkedIn. Consider joining this group to stay in touch with other alumni and friends.

DECEMBER GRADUATES —Andrew Piccirillo and Tim Lackedy-McCormick graduated this December.

EMPLOYMENT POSTING — If you plan to have employment openings in 2014, please send an employment notice to Knud Hermansen for posting (Knud.Hermansen@umit.maine.edu). In the employment notice please list the contact information and what information the student should send to the prospective employer.

NEW LICENSED LAND SURVEYORS — Faculty were informed that Sam Stietzel (2008) has passed his surveyor’s exam and is a licensed surveyor in the state of Connecticut. Matt Plante (2009) is licensed as a surveyor in Maine. Jared T. Patenaude (2008) is now a licensed professional surveyor and mapper in Florida.

ACSM STUDENT CHAPTER – The ACSM Student Chapter has decided not to attend the 2014 NSPS Student Competition. The competition is held during a period the students are in class.

SCHOLARSHIPS — The following are the current market values for scholarships listed with the University of Maine Foundation:

- ACSM-NES Ellsworth V. Stanley SVT Scholarship - \$57,082
- Andrew J. Shyka Surveying (SVT) Scholarship - \$19,181
- Col-East, Inc. SVT Scholarship - \$5,907
- Fritz Petersohn Memorial Surveying (SVT) Scholarship - \$8,132
- Carol & George Gay New England Section Scholarship - \$3,346
- Virginia & Roger Ferguson New England Section Scholarship - \$61,065
- Gunther Engineering Surveying Engineering Technology (SVT) Scholarship - \$19,166
- Massachusetts Association of Land Surveyors & Civil Engineers Scholarship - \$6,164
- Plisga & Day SVT Scholarship - \$3,500
- Rhode Island Society of Professional Land Surveyors Scholarship - \$6,888
- Robert P. Titcomb Memorial Scholarship - \$5,830
- Surveying Associations of New England SVT Photogrammetry Lab Fund - \$55,962

Scholarships in excess of \$20,000 can make awards to students. Old scholarships over \$5,000 can also make awards.

TRIBUTE & MEMORIAL SCHOLARSHIPS — For those individuals who would like to make a tribute to a surveyor or firm or honor a departed surveyor, a memorial scholarship can be established for as little as \$500 (awarding the scholarship requires at least \$20,000). Tribute and memorial scholarships insure that great surveyors and surveying firms will be remembered forever by those students training to enter the surveying profession.

GRADUATE PROGRAM – There is now a SVT option available in the Professional Science Masters (PSM) Degree in Engineering and Business starting in the Fall Semester 2014. This will be an on-line degree! The SVT curriculum will be added to what currently exists at:

<http://engineering.umaine.edu/home/psm>

To earn the PSM degree, a graduate student will take 15 credits of advanced SVT courses, 9 credits of business courses, and 6 credits of applied field experience. Enrollment in the program will begin this summer. For questions e-mail Raymond Hintz at: raymond.hintz@umit.maine.edu

While enrollment in the graduate degree program will not begin until Summer 2014, Ray is offering the first course this Spring semester. The course is SVT 532 Survey Strategies in Use of Lidar. It is a 3-credit course. It is an on-line course. There are already nine students signed up for this new class. Ray can handle more. The lectures will be stored and available for watching at any time. Sign up by calling Continuing Education at 207-581-3143. This course will count towards the SVT option in the Professional Science Masters Degree in Engineering and Business.

ALUMNI NEWS — The following are recent alumni news reported to Knud Hermansen (knud.hermansen@umit.maine.edu). These highlights are provided as a means to keep alumni informed of former classmates and to encouraging networking among alumni. (Also use the link “Hearsay and Rumors” on the SVT website.) Alumni reported the following:

Jared Patenaude (2008) is pleased to announce that he is now a Professional Surveyor and Mapper registered in sunny Florida. Jared has been working for Florida Design Consultants for a year and a half now and thoroughly enjoys what he does. He reports that he has been getting busier with no signs of slowing down.

Samuel Luke Stietzel (2008) is now a licensed surveyor. He is working on the coast of Fairfield County, CT.

Eric Anderson (2011) is working for a surveyor in Ames, IA. He reports surveying in sectionalized farm land.

Maj. Joshua D. Connell (2002) graduated from the Air Force Institute of Technology with a Masters of Science in Engineering Management in March 2012. He currently stationed at the Pentagon serving on the Headquarters USAF Air Staff in the Office of the Air Force Civil Engineer.

HEARSAY & RUMORS WEBSITE – Readers are encouraged to send current employment, work, and family news to Knud Hermansen (knud.hermansen@umit.maine.edu) for the Hearsay & Rumors link that is accessed from the SVT program website. This is a way to share news with alumni and others.

DONATIONS — With appreciation, the SVT program has received a Topcon CR-G5 GNSS choke ring antenna <http://www.topconpositioning.com/products/gps/antennas/cr-g5>
The faculty and students extend heartfelt thanks to Hank Boudreau, educational representative of Topcon Positioning.

ABET ACCREDITATION — In the Fall semester 2014, the ABET/TAC accreditation process will occur for the surveying program.

STUDENTS IN THE NEWS — We are fortunate to have some notable students. Articles in professional publications have featured two SVT students. Please check out these articles and see what students had to say.

<http://www.profsurv.com/magazine/article.aspx?i=71467>
http://www.plsc.net/docs/SideShotsNov13_web.pdf (page 26)

THANKS — The program would like to thank the following individuals for donating their time to speak to the SVT100 (Introduction to Surveying Engineering Technology): Ben Darrah, P.L.S. (2003), Shep Sheppard, P.L.S. (1986), Russ Sossong, P.L.S., Claire Kiedrowski, P.L.S. (1990), Steve Gould, P.L.S. (1993), Kate Axelsen-Foster (resume preparation), Jim Haley P.P. (tour of Sewall Co.), Jon Stewart, P.L.S., and Scot MacDonald, P.L.S. (1990)

SVT CROWE AWARD — The program is pleased to announce that Scot Macdonald, P.L.S. is the most recent recipient of the SVT Crowe Award

Scot Macdonald was awarded his B.S degree in Surveying Engineering from the University of Maine in 1990. In 1992, he was awarded his M.S degree in Surveying Engineering. After graduation, he worked for several companies in New England and was fortunate to have had the opportunity to work on many of the significant surveying and engineering projects in the Northeastern United States during that time frame. In 2005, he joined SGC Engineering in Westbrook, Maine where he was hired as the Director of SGC's Surveying Engineering Division

which provides survey services to the utility market sector throughout the country. Scot is a Licensed Professional Land Surveyor in Maine, Massachusetts, Rhode Island, and West Virginia.

Prior distinguished Francis Crowe inductees include David Cook, M.S., P.L.S. (Dec. 2003), Joseph McNichols, P.L.S. (May 2004), A. Richard Vannozzi, M.S., P.L.S. (May 2006), Claire Kiedrowski (May 2008), Dominick Auletto (Dec. 2008), Gunther Greulich, P.L.S., P.E. (May 2009), Andrew Shyka, P.L.S. (May 2010), Timothy Patch, M.S., P.L.S. (Dec. 2010), David Titcomb, P.L.S. (May 2011), Stevenson “Shep” Sheppard (May 2012) and Rob Garster (May 2013).

FACULTY NEWS— SVT faculty have been busy. In addition to teaching classes, grading papers, and advising, faculty support the profession by providing advice and seminars.

Steve Adam – Steve has been an adjunct faculty in the SVT program since the surveying program was transferred to the School of Engineering Technology. Steve has an MBA and teaches SVT 475, Small Business Management. This course has consistently ranked as one of the most useful courses in the SVT curriculum.

Carlton Brown — Carlton has been a faculty member in the SVT program since 2005. He focuses on teaching students plane surveying, construction surveying, CAD, and land development design.

Knud Hermansen – Knud has been a faculty member since 1989 in the School of Engineering Technology when a surveying minor was available in the two year Civil Engineering Technology degree. Since the last newsletter, Knud has presented several webinars and seminars to engineers and surveyors. Since the last newsletter he has given presentations on behalf of the Pennsylvania Society of Land Surveyors, California Land Surveyors Association, Nevada Association of Land Surveyors, National Business Institute, Maine Tax School, and Lorman Education Institute. While most attorneys have never argued a case before the Maine Supreme Court, Knud will soon undergo his third appearance before the Supreme Court. In the past two months, Knud has testified before the legislature regarding abandoned roads. Recently, Gov. LePage appointed him to be a member of the Maine Board of Licensure of Professional Engineers.

Raymond Hintz – Ray has been a faculty member since 1987. He transferred from the Spatial Information Engineering program into the new SVT program. He was and remains the coordinator for the program. Ray has provided training/seminars this fall in Rhode Island, New Hampshire, Arkansas, and Florida.

LOUIS MORIN — Louis is a faculty member in the School of Forest Resources and an adjunct faculty in the Surveying Engineering Technology program. Louis has been teaching surveying and forestry courses at the University of Maine since September 1978. Louis has and remains devoted to providing students with a practical education, including use of surveying equipment.

E-MAIL ADDRESSES — This newsletter is sent to all alumni and friends by e-mail. If you have the e-mail address of other alumni, please send the address to Knud Hermansen at knud.hermansen@umit.maine.edu so they will receive news about the program from the University of Maine.

NEW YEAR – The faculty and students of the Surveying Engineering Technology program wish all of you a happy Christmas and a very prosperous New Year!!!

COMMENTS OR QUESTIONS - Contact Knud Hermansen at 207-581-2168 or Knud.Hermansen@umit.maine.edu if you have comments or questions regarding this newsletter or program information.