

University of Maine

Surveying Engineering Technology News

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

Fall 2010

This newsletter is sent to alumni and friends of the surveying program at the University of Maine. We want to stay in touch with you and we hope you will want to stay in touch with us. We are very proud of your accomplishments. Be sure to send us your e-mail. If you are an alumni, check out the alumni link to make sure we have listed all your current licenses. Consider sending us news on your employment and family for our hearsay link. Former classmates will be interested in what you are doing.

ENROLLMENT — Our enrollment has remained approximately the same as last year. There are 61 students. Forty-five students are Maine residents. The remainder of the SVT students are from the following: two from New Hampshire, five from Massachusetts, two from Vermont, one from Rhode Island, one from North Carolina, and five from Saudi Arabia.

GRADUATES — Andy Brown graduated in August 2010 and Sean Pierce graduated in December 2010.

EMPLOYMENT OF GRADUATES— Most May 2010 SVT graduates were employed after graduation. It was a tough time to find jobs. Nevertheless, most are working in the surveying profession. If you have employment openings, please send them to SVT for posting.

CROWE AWARD — We are very pleased to announce that Timothy Patch, P.L.S. (1991, 1993MS) has been inducted as a distinguished engineer in the Francis Crowe Society. The Society was named after Francis Trenholm “Frank T” Crowe (1882-1946). He was a member of the University of Maine class of 1905, with a degree in civil engineering. Among his greatest accomplishments were his projects as a civil engineer in the construction of nineteen major dams in the western United States (including the Hoover Dam) over a forty-year period from 1904 to 1944. Crowe made farming possible and profitable in the Great Basin, the California Central Valley, Central Arizona and the Imperial Valley through the construction of these “superdams” which redirected the flows of very large rivers such as the Colorado River.

Tim Patch certainly adds to the many great accomplishments of University of Maine engineering alumni.

Timothy Patch received B.S. and M.S. degrees in Surveying Engineering from the UMaine in 1991 and 1993, respectively. Tim is the Co-President of SGC Engineering, LLC (SGC), which began as Survey & Geodetic Consultants, Inc. on August 1, 1999. Today, SGC has a global reach as part of Scotland-based diversified energy services company Senergy. SGC operates as a subsidiary of Senergy's US-based company Senergy Alternative Energy Inc., a multidisciplinary engineering services firm headquartered in Westbrook, ME. Tim is the Principal in charge of surveying engineering activities at SGC and is a Licensed Professional Surveyor in Maine, Vermont, New Hampshire, Massachusetts, New York and Ohio.

Tim has been a leader in the surveying profession and a strong advocate of the Surveying Engineering Technology program. Congratulations TIM!

Previous surveying graduates and supporters that have earned this honor are: David Cook (Dec. 2003), Joseph McNichols (May 2004), Richard Vannozzi (May 2006), Claire Kiedrowski (May 2008), Dominick Auletto (Dec. 2008), Gunther Greulich (May 2009), and Andy Shyka (May 2010).

FUNDAMENTALS OF SURVEYING EXAM — The program enjoys a commendable 97% pass rate for seniors taking the fundamentals of surveying exam (a.k.a. S.I.T. exam).

LICENSED LAND SURVEYORS — The program has heard that four recent graduates have passed the principles and practice portion of the surveyor's exam and are now licensed as land surveyors: Tyler Durant, P.L.S. (2008), Tara (Jeffers) Hartson, P.L.S. (2007), Joe LaBranch, P.L.S. (2006) and David Sheehan, P.L.S. (2006).

OTHER LICENSING — We are pleased to pass on the news that Matthew J. Philbrick (2003) has earned his professional engineer's license.

If you are an alumni of the program, please check the alumni list at <http://www.umaine.edu/set/svt/SVTAlumni.htm> If you have licenses and certifications that are not included with your name, please send the information to Knud Hermansen at knud.hermansen@umit.maine.edu so the alumni list can reflect your accomplishments.

ACSM STUDENT CHAPTER — The UMaine Student Chapter of ACSM has had a busy fall semester preparing for the 2011 NSPS Student Competition. This year the topic is on Hydrographic Surveying and will consist of a project, paper, poster and oral presentation. The competition will be held in March in Las Vegas at the joint annual conference of the California Land Surveyors Association and the Nevada Association of Land Surveyors. We would like to thank the chapter supporters for all the continuing support for the upcoming 2011 NSPS Surveying Student Team Competition.

The students are looking forward to meeting everyone who will be attending the Maine Society of Land Surveyors 2011 Annual Meeting at Hollywood Slots in Bangor. To help fund the Student Competition trip, they will be offering an assortment of new T-shirts with a new logo, new colors and even some long-sleeved T-shirts! Thanks in advance for your donations.

SCHOLARSHIPS — Currently, the program has twelve scholarship funds:

- Andrew J. Shyka Scholarship (\$11,202.93)
- Carol and George Gay New England Section Scholarship (\$2,970.51)
- Col-East, Inc. SVT Scholarship (\$5,667.42)
- Fritz Petersohn Memorial Scholarship (\$7,567.96)
- Gunther Engineering Surveying Technology Scholarship (\$17,031.58)
- MALSCE SVT Scholarship (\$3,156.17)
- New England Section Ellsworth V. Stanley SVT Scholarship (\$52,482.28)
- Plisga & Day SVT Scholarship (\$3,107.31)
- Rhode Island Society of Professional Land Surveyors Scholarship (\$4,353.17)
- Robert P. Titcomb Memorial Scholarship (\$5,183.74)

- SVT Alumni Scholarship (\$6,676).
- Virginia & Roger Ferguson New England Section Scholarship (\$55,096.14)

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

Recently donations have been made for the Virginia & Roger Ferguson New England Section Scholarship, Andrew J. Shyka Scholarship, and Rhode Island Society of Professional Land Surveyors Scholarship.

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 firms will be remembered forever by those students training to enter the surveying profession.

It is with very deep sadness and regret that a wonderful supporter of the program – Roger Ferguson – passed away. His scholarship will stand as a memorial to his benevolence and wonderful work for the surveying profession.

SCHOLARSHIPS AWARDED — The economy has prevented many scholarships from making awards. Nevertheless some scholarships were awarded:

Rhode Island Scholarship - Sam Suorsa

MALSCE Scholarship - David Holland

Vermont Scholarship - Jacob Bartlett (Vermont only awards their scholarship after the student has graduated.)

EQUIPMENT DONATIONS — Topcon has generously donated six Topcon 2200 data collectors to the program. These donations are so very valuable and appreciated.

CONDENSED SURVEYING CLASSES — The Surveying Engineering Technology program offers surveying classes that meet just once a week for three to four hours each week. This condensed time slot allows students to make the drive to the University of Maine just once a week for fourteen weeks to complete a surveying course. In the Spring 2009 semester the following three-hour courses will be offered once a week for 14 weeks:

SVT 201, Adjustment Computations	Wed. 8-11
SVT 221, Boundary Law (Core Curriculum)	Mon. 1-4
SVT 331, Photogrammetry	Tue. 8-11
SVT 352, Practical Field Operations	Fri. 9-12
CET 101, Plane Surveying course (Core Curriculum for ME)	Thu. 1-3, 3-5
CET 202, Construction Surveying (Core Curriculum for ME)	Wed. 11-3

Other surveying courses are offered. These include: SVT 122, AutoCAD for Surveyors II and SVT 475, Small Business Management. These courses are offered twice each week for a 14 week period.

SOFTWARE CHANGES — Carlton Brown has implemented Carlson Software in the CAD classes. Carlson Software has graciously made the software available at a reduced rate to the program.

E-MAIL ADDRESSES — This newsletter is sent to all alumni 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 from the University of Maine.

NOTES FROM THE DIRECTOR — As the fall semester closes, our SVT enrollment is slightly down but appears steady. The SVT faculty are developing initiatives to reach out to prospective students to educate them about the exciting career opportunities available to them in surveying. We encourage alumni suggestions for outreach approaches that will stimulate further enrollment growth. Demand for our graduates remains strong in the program although the economy is still at low point. We are excited about the introduction of new equipment in the program which you learned more about in this issue of the newsletter. Thank you as always for your continued support.

NEW YEAR – The faculty and students of the Surveying Engineering Technology program wish all of you 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.