

Surveying Engineering Technology News

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

Fall 2006

THANK YOU! This is the third Fall newsletter the program has had the pleasure to send. Each edition has been able to announce increasing enrollment and support from the profession. The program's success is based on your support. Thank you.

SUPER SURVEYOR: Assistant Professor Carlton Brown has been honored by the Massachusetts Association of Land Surveyors and Civil Engineers (MALSCE) as Surveyor of the Year (a.k.a. Super Surveyor). His black cape with the big "S" is hanging in his office. Carlton joined the faculty in September 2005. He has been a tremendous asset to the program.

ABET ACCREDITATION: The program had a very positive ABET visit without any major concerns or deficiencies. Faculty believe accreditation will be forthcoming by July 2007. Accreditation will cover all past and future graduates. The program owes considerable thanks to our IAC members who took the time to meet with the evaluators and help assess the surveying program.

ENROLLMENT: Enrollment stands at 63 students. Last year at this time there were 54 students. Presently, the program has seven students from Massachusetts, four from New Hampshire, four from Vermont, two from Connecticut, and one each from Rhode Island, Arizona, Wisconsin, Nova Scotia, and Saudi Arabia. The remainder claim residence in Maine.

EMPLOYMENT OF 2006 SENIORS: There were seven May 2006 graduates. All were employed before or shortly after graduation. The average starting salary was \$51,000 a year.

EMPLOYMENT 2007: Seniors are starting to get offers. If you would like to employ a graduate, please send a job description and announcement to Knud.Hermansen@umit.maine.edu The job announcement will be sent to all seniors. Undergraduates will be seeking summer employment. Resumes are posted on-line at <http://www.umaine.edu/set/svt/Resumes.htm>.

FUNDAMENTALS OF SURVEYING EXAM: The program continues to enjoy a 100% pass rate when seniors take the fundamentals of surveying exam (a.k.a. S.I.T. exam). Certainly this success cannot continue. Yet, this success is a credit to the efforts of the students and the quality of the program. The following graduates have successfully passed the exam: Ryan Beisaw, Erica Breton, Richard R. Hayford, Christopher M. Knowlton, Joseph R. Labranch, Jonathan Miller, David Sheehan, and Thomas Williams.

ACSM Student Chapter – The ACSM Student Chapter has come together this fall stronger than ever. The Chapter has been making plans to enter the student competition in the spring at the ACSM National Convention. This year's theme is railroad and highway curves, involving the design of and the differences between. The Chapter has already contacted and talked to Mike White who has extensive knowledge about railroads. With his help, the Chapter is beginning to plan their paper.

The Chapter is also making plans to hold a seminar in the late Spring on determining the mean high water. The Chapter plans to hold the seminar in the Belfast area. Two

students are taking on this task and have already contacted the speaker.

The Chapter has committed to going down to the Bucksport Elementary School. Professor Carlton Brown's wife, Allie, has already set it up for the Chapter to go down to work with the grade school students this coming spring. Chapter members will be working with 1st-3rd graders teaching them about pacing and using hand-help GPS units.

Finally, the Student Chapter is working on fund-raising. The Chapter hopes to design T-shirts, hats, and calendars that can be given away with a donation.

SCHOLARSHIPS — The program is blessed with donations that have started ten scholarships: Robert P. Titcomb Memorial Scholarship (\$5,444), Virginia & Roger Ferguson New England Section Scholarship (\$34,008), New England Section Ellsworth V. Stanley Surveying Engineering Technology Scholarship (\$29,174), Gunther Engineering Scholarship (\$15,738), Andrew J. Shyka Scholarship (\$1,766), and the SVT Alumni Scholarship (\$6,676). Those scholarships in excess of \$5,000 can make awards to students. Scholarships under \$5,000 cannot make awards until they reach \$5,000 through additional donations or interest accrual.

There are four recent scholarships established. The first is the Fritz Petersohn Memorial Scholarship (\$748). Many consider Fritz to have been the founding father of the New England surveying program. He was a leader in the surveying profession and his sage advice and enthusiasm for surveying education will be solely missed. This scholarship is seeking donations to fully fund his memorial

scholarship. Please consider sending a donation to this scholarship.

The second scholarship is the Carol and George Gay New England Section Scholarship. Carol Gay and her late husband, George, were both closely associated with the New England Section of the American Congress on Surveying and Mapping. George was Treasurer of the New England Section for 25 years and in that capacity presented a check to the University of Maine's Surveying Department from the New England Section every year at the annual meeting. He was a Professor of Surveying at Wentworth Institute of Technology, Boston, Massachusetts for 25 years, as well as co-founder and instructor for the School of Survey, a correspondence school, sponsored by the Massachusetts Association of Land Surveyors and Civil Engineers. Carol was a civil and structural draftsman for 40 years and helped George with the administrative details connected with both the New England Section and the School of Survey.

The third scholarship is the Col-East, Inc. SVT Scholarship. This scholarship was established through a gift from Col-East, Inc. Col-East, Inc. is a North Adams, Massachusetts based aerial photography and photogrammetric mapping company that was established in 1952.

Finally, a scholarship was established by the Rhode Island Society of Professional Land Surveyors (RISPLS). This scholarship is currently being created from an initial donation by RISPLS. More information will be provided later.

MEMORIAL SCHOLARSHIPS — For those individuals that would like to honor a departed surveyor, a memorial scholarship can be established for as little as \$500

(awarding the scholarship requires at least \$5,000). Memorial scholarships insure that great surveyors will be remembered forever by those students training to enter the surveying profession.

SCHOLARSHIPS AWARDED — Twenty two Bureau of Land Management (BLM) scholarships were given to students in the Fall semester. BLM scholarships are \$1,000 and given to students who agree to apply to the BLM for employment. Robert Miles has received a continuation of the Judith Nitsch Engineering, Inc. scholarship.

PROGRAM CHANGES — Associate Professor Ray Hintz will be teaching photogrammetry for the first time in the spring semester 2007. Previously, students took photogrammetry in Forest Resources.

RECRUITING NEWS — Recruiting is a good news, bad news scenario. As successful recruiting brings in more students, time necessary to recruit is reduced. Once again, faculty visited Maine high schools to talk about surveying. Information about the surveying program and careers in surveying was sent to every New England high school.

DEAN'S LIST — The following SVT students earned the honor of being recognized in the Spring 2006 Dean's list: Jacob Bartlett, Jeffrey Condon, Tyler Durant, Shane Enos, Hatim Gazzaz, Tara Jeffers, Joseph Labranche, Sean Lahann, Justin McCoubrey, Robert Miles, Jonathan Miller II, Isak Porter, Lori-Ann Stubbs, and Thomas Williams.

3.5 AWARDS — The following students were awarded the 3.5 Presidential Achievement Award: Ryan Beisaw, Christopher Knowlton (2006), Jonathan Miller II (2006), and Thomas Williams. Full-time students must attain a 3.0 GPA or better over two

consecutive semesters (a minimum of 24 credits) of accumulated course work, and must also achieve a 3.5 GPA or better for the most recent semester (a minimum of 12 credits).

PROGRAM RECOGNITION — Topcon Positioning Systems, Inc. has recognized the Surveying Engineering Technology program as a valued member of one of sixty education institutes that are part of Topcon's Educational partnership. The SVT program is very grateful for the support it has received from Topcon over the years.

FACULTY, ALUMNI, & STUDENT RECOGNITION — If anyone is aware of alumni that have received awards or obtained professional licensure please send an e-mail to Knud.Hermansen@umit.maine.edu

SHIRTS — The Surveying Engineering Technology program has polo and long sleeve dress shirts available for donations in excess of \$30 made payable to the program. The shirts are embroidered with the University of Maine crest next to "Surveying Engineering Technology." Available sizes include Medium, Large, and X-Large. If you are interested in obtaining a shirt please call Linda Liscomb at 207-581-2340 or complete the attached form.

MAY TERM — Carlton Brown plans to offer a three week (May 14 to June 01, 2007) concentrated, intensive course worth six credits that includes both CET101, Plane Surveying, and CET 202, Construction Surveying. Tuition and fee costs will be around \$1500.00 for Maine residents, around \$2100.00 for residents of New England, and around \$3700.00 for those who reside outside of New England. If desired, room and board in dorms on the Umaine campus will be available for an

additional cost of around \$770.00. These two courses are part of the core curriculum for surveyor licensure in Maine. For more information, please contact Carlton Brown at carlton.brown@umit.maine.edu.

CONDENSED CLASSES — The Surveying Engineering Technology program offers condensed surveying classes that meet only once a week for three hours. This allows students to make the drive to the University of Maine just once a week for fourteen weeks to take the course. In the Spring 2007 semester the following three-hour courses will be offered once a week for 14 weeks: Adjustment Computations, Boundary Law (Core Curriculum), Photogrammetry, and Practical Field Operations.

SPRING COURSES — In addition to the course listed above, the University of Maine will also offer Plane Surveying (CET101) and Construction Surveying (CET202).

SENIORS — Lori Ann Stubbs and Hatim Gazzaz will graduate in December 2007. Lori will be seeking a job in the Bangor area. Hatim plans to return to Saudi Arabia.

MINOR — In May 2006, three students graduated with minors in Surveying Engineering Technology: Scott Bartlett (CMT), Patrick Hopkins (CMT), and Nathan Sequin (CIE).

HAPPY HOLIDAYS – The faculty and students of the Surveying Engineering Technology program wish all of you Happy Holidays!!!

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.