

Surveying Engineering Technology Newsletter Fall 2017

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

The SVT faculty is pleased to share with you this information. We try to get the newsletter to more people/e mail addresses including more e mails of surveying degrees prior to SVT. If you know of someone who is not getting this (and should) please tell Ray. Any work or family related information you want in the next newsletter please e mail Ray.

We are #1 !!!!!

At least according to NCEES <https://ncees.org/news/page/2/>.

Note without the work of NCEES Maine survey representatives Elwood Ellis and Jim Nadeau this award would not have been possible. Thanks Elwood and Jim!

University of Maine receives \$25,000 grand prize

NCEES is pleased to announce the recipients of the 2017 [NCEES Surveying Education Award](#). This annual award recognizes surveying programs that best reflect the organization's mission to advance licensure for surveyors in order to safeguard the health, safety, and welfare of the public.

NCEES awarded the University of Maine's Surveying Engineering Technology program the \$25,000 grand prize. Six additional prizes were awarded to qualifying programs to assist with each program's continued efforts to promote the importance and value of surveying licensure. The award jury considered criteria such as student outcomes and involvement, outreach and recruitment, and the promotion of licensure. The award jury met June 15, 2017, in Clemson, South Carolina, to select the winners.

NCEES Surveying Education Award juror and president-elect of the Surveyors and Geomatics Educators Society (SaGES), Joseph Paiva, Ph.D., P.E., P.S., stated, "The University of Maine's surveying engineering technology program is impressive because it fosters the surveying profession in state, regionally, and nationally."

May Graduates / Fundamental of Survey exam results

All is quiet as most receive degrees in May and this take the FS exam in the spring. Note Professional Science Masters graduates will be of a significant number in May!

New Surveying Licenses

Please e mail Ray when you receive a new license as trying to figure this out online is not easy.

Congratulations!

First Time

Ryan Bateman (ME)

Devin Pike (ME)

Melissa Soucie (CT)

Gordon Wilson (ME)

Additional licenses

Jon Drew (ME)

Sean Pierce (CT)

Balkaran Samaroo (CT)

Graduate School

Mohammed Aljafar and Mansour Ali Alghamdi are pursuing master's degrees at King Fahd University of Petroleum & Minerals. Congratulations.

Undergraduate enrollment

Fall '17 undergraduates (as of Oct.) total 69 students. This is the largest undergraduate population since the creation of surveying engineering in the late 1970's.

23 ME

15 MA

12 CT

6 VT

4 NH

4 NY

2 PA

1 NJ

1 RI

1 Saudi Arabia

28 of these are dual major Forestry and SVT.

Professional Science Masters (PSM) in Surveying Engineering news

Our enrollment is 25 students in the completely on-line program. Note that is approximately 20% of the entire graduation school population of the College of Engineering. Knud has created an advanced survey law class that will be taught for the first time in spring 2018 and will have a more than 15 graduate students in it. Note anyone with basic boundary law class or boundary experience can still take this class as an undergrad, graduate, or undeclared major student.

State Society Scholarships awarded – Thanks for your support!

Note most scholarships are awarded in the spring.

New Hampshire

James Clasby (NH)

Cole Gallant (NH)

Christian Stock (NH)

Donations

If you feel the need to donate to a scholarship or equipment fund please contact Ray. We are proud that every non-fully funded SVT undergraduate student has received a Foundation scholarship at some point in their academic careers.

Mr. Tom Drury of Cumberland, RI donated \$10000 of "like new" survey equipment this past summer as he is enjoying retirement. Thanks Tom!

\$73000 was added to the George and Carol Gay New England Section scholarship Foundation account per the will of Mr. and Mrs. Gay. This substantial contribution was derived as a portion of the profit made on the sale of their house in MA. The Foundation can provide help in verbage if you want a donation made in your will.

Shep Sheppard and Rob Garster have pledged \$8000 over 5 years to the Andrew J. Shyka Surveying (SVT) Scholarship Foundation account which will be matched 4:1 (\$2000) by the Foundation.

David Titcomb has pledged \$8000 over 5 years to the Robert P. Titcomb Memorial Scholarship Foundation account which will be matched 4:1 (\$2000) by the Foundation.

Till the pledged money runs out an \$8000 donation spread over 5 years to the Foundation will result in a 4:1 (\$2000) match. Please contact Ray if interested.

David Cook and Kerry Sack made donations to the Brian Kelly Surveying Scholarship Foundation account.

We appreciate your financial support!

Online SVT – we need your help (but we are almost there)!

The College of Engineering hired an outside specialist in analysis of market analysis of degrees to verify the suitability of an online BS degree in SVT. The analysis was a resounding yes the degree should exist! A proposal has now been prepared for the Provost at the urging of the Dean of the College of Engineering. Note nothing will change with our traditional classes. We have hope the online degree will be in existence this fall with E tuition (instate tuition * 1.25) for all out of state students. If you know of someone who needs surveying education please pass this information on to them.

The University of Maine Surveying Engineering Technology (SVT) invites the surveying community to take any of the following on-line classes Spring 2018 starting on Monday Jan. 22

CET 101 Plane Surveying (3 cr., Ray teaching)

SVT 121 AutoCad (3 cr., Carlton teaching)

SVT 201 Adjustment Computations (3 cr., Ray teaching)

SVT 221 Boundary Law (3 cr., Carlton teaching)

SVT 331 Photogrammetry (3 cr., Ray teaching)

SVT 332 Civil Engr. for Surveyors (3 cr., Knud teaching)

SVT 325 Surveying/Engineering Ethics (1 cr., Carlton teaching)

SVT 352 Practical Field Operations (3 cr., Ray teaching)

SVT 490 Capstone (3 cr., Ray teaching)

SVT 512 Advanced Boundary Law (3 cr., Knud teaching)

SVT 532 Lidar for Surveying (3 cr., Ray teaching)

SVT 541 Geodesy (3 cr., Ray teaching)

At search at umaine.edu type in the course and you will get the description

All twelve classes can count toward a BS in SVT. The 500+ courses count toward a Professional Science Masters Degree (PSM) in Surveying Engineering. If you wish to take a class or classes please contact Ray Hintz (Raymond.hintz@umit.maine.edu) and I will set it up for you. The lectures, homeworks, and exams exist on an internet site and you have no exact lecture times. All homework and exams have exact due dates. Questions are presented via e mail and phone. NOTE – the classes do not show up as on-line because there are live lectures for the live students – do not be confused by this!!

For Maine residents cost is simple – in state tuition. For the rest it is complicated.

- (1) Simply taking a class you will pay out-of-state tuition.
- (2) Applying to U Maine as a SVT undergrad will reduce tuition to the “NEBHE” rate – in state *1.5 if you are from a New England state other than Maine
- (3) Applying to U Maine as a PSM graduate student will reduce tuition the E tuition rate – in state * 1.25 for all states outside of Maine

Applying for admission to a degree program immediately will be approved before classes begin – see <https://go.umaine.edu/apply/> or <https://umaine.edu/graduate/apply/>

For Tuition questions see <http://umaine.edu/bursar/tuition-and-fees/>

All veterans of the US Armed Forces pay in state tuition!

We strongly need you to apply for admission to undergraduate or graduate SVT or PSM degree if you want to take classes! This lets us control the signing up of you for classes. Please apply for admission as soon as possible. Once the on-line BS surveying degree is approved all out-of-state students will pay the E tuition rate of 1.25 * in-state tuition.

Faculty News

Knud Hermansen is on phased retirement which means he spends spring in the wintry confines of Florida. While we wish Knud the best he will be impossible to replace. Knud has built a large amount of on-line lectures for plane surveying, construction surveying, and a new class – SVT 332 Engineering for Surveyors that replaces CET 332 while relaxing in Florida. He will also teach SVT 512 Advanced Boundary Law for the first time (from Florida).

Ray Hintz spent the previous academic year converting more SVT education to an on-line format. Note Plane Surveying (CET 101) was offered for the first time on-line this fall.

Carlton Brown is building an on-line boundary law component which will be offered spring 2018. He captures his lectures while teaching boundary law live this semester then will edit them for production for all to see. He also contributes to several civil engineering capstone projects with data and education in Carlson Civil. He enjoyed the surveyor's educators conference in Oregon this summer instead of being the organizer like two years ago.

Steve Adam continues to teach SVT 475 Small Business Management which has become one of the most successful CED courses at the University of Maine. Note a wide variety of students not in SVT also take the course.

Louis Morin teaches the Geographic Information Systems course for SVT students plus many School of Forest Resources students plus several other courses in SFR. The GIS course tends to be one of the most popular in the SVT curriculum. His support of the dual Forestry/SVT degree is the reason it has been so successful.