

Surveying Engineering Technology Newsletter Fall 2022

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

<https://online.umaine.edu/surveying/>

The SVT faculty is pleased to share with you this information. We try to get the newsletter to more people/email addresses including more emails of surveying degrees prior to SVT and friends of 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 email Ray ray.hintz@maine.edu.

SVT faculty #4!!!!

We are pleased that Joe McNichols formerly of Massachusetts started in August and taught three classes this semester. Joe is a PLS in MA and comes from a long career in public sector surveying work. He taught evening classes in surveying at Wentworth Institute of Technology and has served for many years on the SVT Industrial Advisory Committee. He was at the first meeting with the Dean of Engineering when the advocacy for SVT began. He has an online bachelor degree in surveying from Great Basin College which gives him great insight to making our course delivery better. You will see below that Joe is completing another degree in December.

Graduates / Fundamental of Survey exam results

If I missed someone tell me. This is not easy due to our numbers!

Bachelor of Science in Surveying Engineering Technology

Rafael Bombacini PLS (CO)

Luke Dill LSIT (MT)

Don Burt LSIT (MI)

Guy Carlson PLS (MN)

Rocco Pagano (NJ)

Undergraduate Certificate in Surveying Engineering Technology

Tim Bertochi LSIT (MA)

Brendan Briggs LSIT (MA)

David Clark (MA)

Jacob Forster (TN)

Stephen Ganey (MO)

Eric Lane (MA)

Matthew Langelier (MA)

Robert Reedy LSIT (MA)

Nathan Rocha (MA)

David Sadowski LSIT (MA)

Wil Strahan (LA)

3 are delaying graduation to take more classes so are not in this list!!!

Master of Science in Engineering Technology Surveying Engineering Option

Joseph Fenicle PLS (OH) (Joe is surveying faculty at the University of Akron.)

Joseph McNichols PLS (MA/ME) (see above for more information about him.)

Mark Provo PLS (ME) (Mark is also BS SVT and survived young children during this degree.)

New Surveying Licenses (and ones I never listed before)

Please email Ray when you receive a new license as trying to figure this out online is not easy. I am worried I am missing a lot of your licenses.

Connor Hill ME

Tom Kelly CO

Juan Lovill NJ

Shaine Bonin MA

James Flores (national part) NJ

Dean Kirby (national part) NJ

Thais Ahlstrand (national part) TX

Paul Ruopp ME

Michael Totaro (national part) NJ

Thais Ahlstrand ME (though from TX)

Rob Knott 11-6 (national part) AZ

Thomas Owen 12-13 RI

Passed the Fundamentals of Surveying exam

Congratulations!

Shawn Palsgrove NJ

Douglas Bailey ME

Darrin Wilson MI

Anthony Djonne MN

Anthony Laverde MA (cert)

Robert Reedy MA (cert)

Patrick Barger CA

Adam Radzaj NJ

Katie Jones MO (cert)

Don Burt MI

Luke Dill MT

Scholarships

Scholarships are listed in entirety in spring newsletter.

Undergraduate enrollment (including undergrad certificate)

We have approximately 183 students in BS SVT (start of fall semester). Based on start of fall semester we have 103 students in the undergraduate SVT certificate. We have the largest population of undergraduate students per faculty in the College of Engineering. We receive great support from Division of Lifelong Learning's (DLL) undergraduate retention and enrollment specialist Tiffany Peterson and undergrad certificate specialist Todd Cooley. Rachel Mathieson previously enrolled certificate students but has reassigned duties at DLL.

Professional Science Masters (PSM) in Surveying Engineering, Graduate Certificate in Surveying Engineering, and Master of Science in Engineering Technology surveying engineering concentration news

Our enrollment is 35 students in the completely on-line programs. Note that is approximately 20% of the entire graduate school population of the College of Engineering. We now have the largest number of graduate students per faculty in the College of Engineering. Todd Cooley replaced the retired Dagmar Moravec as our online support specialist for the graduate programs.

The big news is the Master of Science in Engineering Technology is active and we will have its first three graduates this month! Big thanks go to Associate Vice President for Graduate Studies and Senior Associate Dean Scott Delcourt for fast tracking everything so students could graduate with this degree this semester. He did not have to do that but he knew what it meant to us.

We need your help – please write an email if you have not done so – this is important!!!

Dear U Maine surveying graduate and/or friend:

As you know once in a while I need your help. In the 80's and 90's (I can't remember when the name changed) we had a PhD in surveying engineering. The surveying educators (and the renamed PhD after it) produced were/continue to be amazing (Steve Frank, Gary Jeffress, Peter Mensah, Kurt Wurm, etc.).

With the expansion of tenure track SVT faculty to four, and the continued contributions of PhD's Knud Hermansen and Danny Swain, we have reached an environment where we have a group which can support such an initiative. An MS/PSM in surveying can be a great surveying educator, but obviously having a PhD can enhance certain things in academia. I am proud to have been of a large group of surveying educators from University of Wisconsin 1980's, and basically the U Maine PhD graduates replaced that in the 90's/2000's when surveying faculty slowly disappeared from Wisconsin. In August my PSM/graduate certificate count of 35 surveyors shows we can also lead in a PhD effort.

It has been suggested that perhaps a Doctorate of Engineering https://en.wikipedia.org/wiki/Doctor_of_Engineering may be more applicable to the surveying profession. I need your thoughts on that. This would separate us a little from the traditional research oriented PhD's of other engineering disciplines.

So I ask you to write a letter of support (a pdf attachment to email is fine and cc me) to

Mohamad Musavi, PhD
Interim Dean
College of Engineering
University of Maine
Orono, Maine 04473

musavi@maine.edu

Dr. Musavi has agreed to be the "collector" of information from industry and will deliver this to the new Dean of Engineering when she arrives in January. I think it is important to indicate the consideration of this being an online PhD with perhaps some requisite time on campus for interaction.

I think the contribution to surveying education in the United States will be demonstrative. Your support and describing the importance of it will help immensely.

Any questions ask.

Thanks

Ray

NSPS Student Chapter

The NSPS Student Chapter continues to grow as a club. The club meets every week and has been working on a campus project with SVT Alum Andy Brown, the Manager of the Engineering Center for U.

Maine Facilities, to find and occupy with GPS all the campus surveying marks. This work will continue into the spring semester. The club attended the Maine Society of Land Surveyors' Fall Meeting at Sunday River as well as the Penobscot-Hancock Chapter meeting in Bangor. Earlier this month the club, in conjunction with the SVT 100 Course, toured the Penobscot County Registry of Deeds with Registrar Susan Bulay. For some students this was their first visit to a Registry. The club just submitted its registration form for the 2023 NSPS Student Competition. The club had more students interested in being on the team than available slots (Teams are a maximum of 6 members). Once the team leaders were chosen, the club held a lottery for the remaining spots. To raise funds for club activities such as the NSPS Student Competition the club is selling U Maine SVT hooded sweatshirts. The form for ordering sweatshirts is attached. The club is ordering sweatshirts on a rolling basis so as not to have their funds tied up in inventory. The first order has gone in and we expect to be shipping the sweatshirts after the first of the year. If you have questions, please contact Katie.wade@maine.edu, the club President.

Donations

The esteemed legend of Rhode Island surveying Louis Federici, PLS donated all of his surveying equipment to us including a great robotic total station. It was a very significant equipment donation and we are extremely grateful.

Jon Ingraham of Old Town donated to the Brian Kelly Memorial Scholarship.

James Fastook and Susan Simpson of Orono donated to the Brian Kelly Memorial Scholarship.

A large sum of money from a variety of donors was made to the Plisga and Day Scholarship in honor of the late great Stan Plisga who is deeply missed as a great friend of SVT.

We appreciate your support.

Online SVT

Obviously a large influx of students has been due to the online degrees which are combined with an incredible reduction in out of state tuition costs (so-called E tuition which is in-state*1.25). Veterans, no matter where they live, qualify for in-state tuition along with dependents using a veteran's G.I. Bill. The degrees are

- (1) BS in surveying engineering technology <https://online.umaine.edu/svt/>
- (2) Professional Science Masters (PSM) in Engineering and Business Surveying Engineering concentration <https://online.umaine.edu/grad/professional-science-masters-in-engineering-and-business/>
- (3) MS in Engineering Technology Surveying Engineering Technology concentration <https://online.umaine.edu/online-master-of-science-in-engineering-technology/>
- (4) Graduate Certificate in Surveying Engineering <https://online.umaine.edu/surveyingengineeringcert/>
- (5) Undergraduate Certificate in Surveying Engineering Technology – <https://online.umaine.edu/online-undergraduate-certificate-surveying-engineering-technology/>

Many of our students have a previous degree and only need surveying classes. Likewise some students simply need a core of surveying classes. (5) will be the option for those students. The 9 cr. of BUA/MBA in the PSM is replaced with 9 more cr. of graduate surveying coursework in the MS.

Please pass the word to all potential students. We want to continue to be the leader in online surveying education in the United States. Your help makes us achieve that goal.

Facilities

The completion of the new engineering building this past August created a shuffle of office and labs. SVT has re-assembled its surveying equipment room in two adjacent rooms in Crosby Hall. This is secure first-floor space next to an outside door. Much effort was put in by Rich Vannozi and Joe McNichols and a small legion of student workers to organize the equipment and create a functioning space for students to sign out equipment for classes. The new space also includes worktables, tools and a vice for fixing equipment. Jigs for calibrating prism poles and tribrachs have also been installed so that these can be checked at any time.

SVT has also been assigned an additional room in Boardman Hall that is being developed as an on-line teaching studio. The equipment for this room has all been ordered and we are waiting for the space to be vacated so we can set everything up. A copy of the floor plan for the studio is attached.

Faculty offices are all now located adjacent to each other on second floor Boardman.

Faculty News

Knud Hermansen retired spends most of his time in the wintry confines of Florida with a couple months of summer in Maine. He will continue to teach 6 classes in an adjunct role plus is also teaching for some other survey programs. He recently became a licensed surveyor and mapper in Florida as he passed the Florida specific part of the exam on the first attempt. I hope you have access to his latest writing series on the state of surveying education in the U.S.

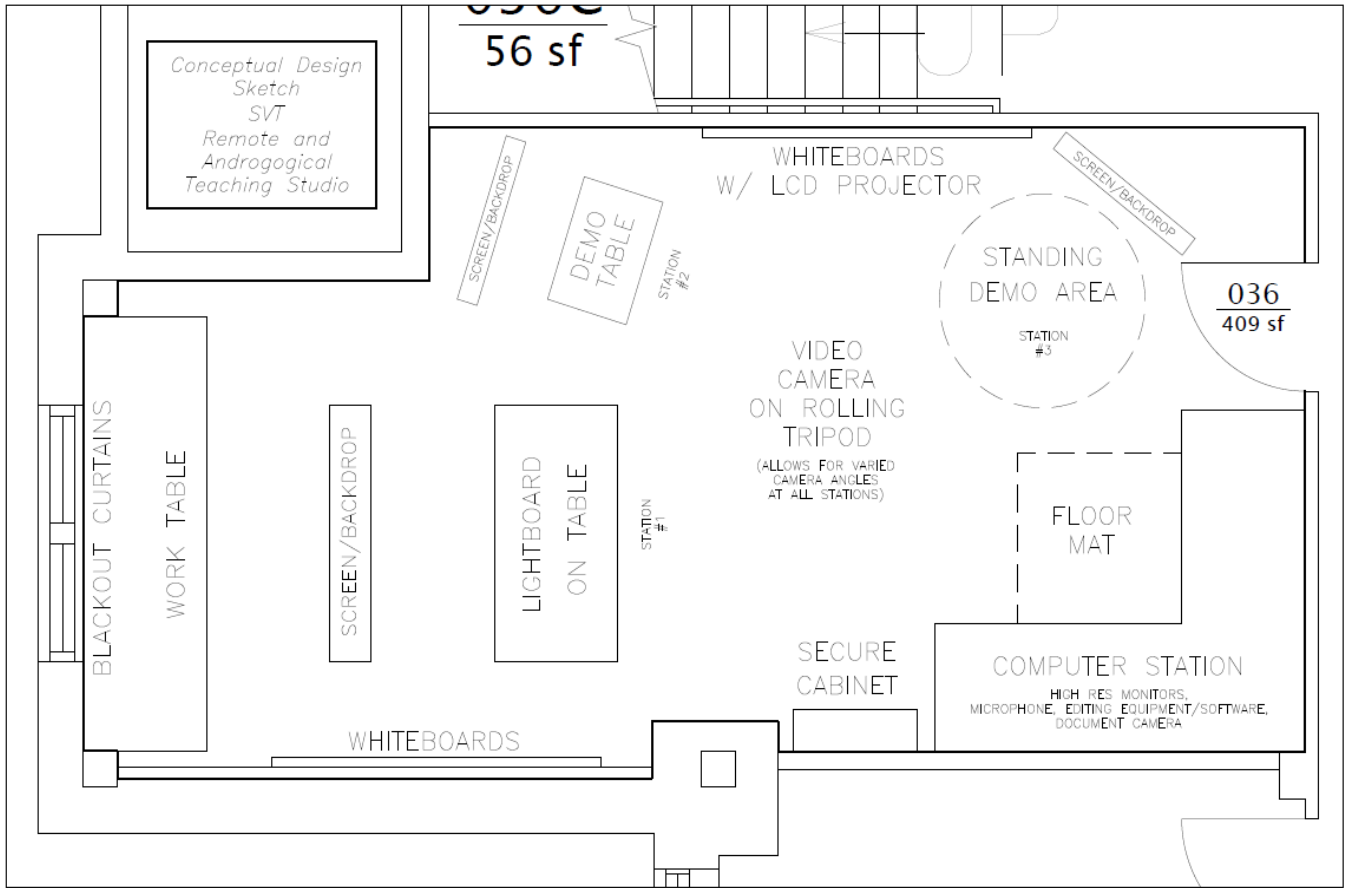
Ray Hintz spent the previous academic year managing the ever growing undergraduate and graduate student online populations. He needs your help to get a Doctorate in Surveying approved which returns all degree options like we had 20 years ago.

Carlton Brown teaches half of the "large population" early curriculum courses such as SVT 101 Basic Surveying Field and Office Processes and SVT 122 AutoCad for Surveyors II. Carlton is responsible for making incoming students happy with their SVT experience. He will also be teaching SVT 101 to high school students from a technical school in PA. His dedication to the students gives them the enthusiasm to finish their degree or certificate.

Rich Vannozi teaches the other half of the "large population" live courses and online courses such as SVT 102 Surveying for Civil Engineers and SVT 121 AutoCad for Surveyors. Due to its popularity SVT 102 will now be offered every semester. Rich has resurrected the surveying student chapter and includes the online students virtually in the meetings. His success with the students in the NSPS student competition is amazing. Rich has also taken on the duties of an alternate to the ABET Board of Delegates representing NSPS. His primary responsibility at this point is to recruit professional surveyors to become Program Evaluators for NSPS. If anyone is interested in doing this (NSPS NEEDS individuals with Bachelor and Master's degrees in surveying to do this!) please reach out to Rich at anthony.vannozi@maine.edu for more information.

Joe McNichols joins the faculty with teaching experience in surveying at Wentworth Institute of Technology. He just completed his Masters of Science in Engineering Technology surveying engineering technology concentration. His years of public service surveying add depth to our program. He taught three surveying classes this fall.

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.



SVT online teaching studio in Boardman Hall

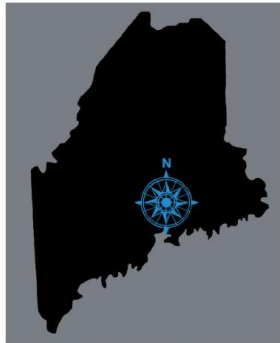
UMaine Surveying Engineering Sweatshirt Pre-Order Form

The UMaine Student Chapter of NSPS is selling sweatshirts!

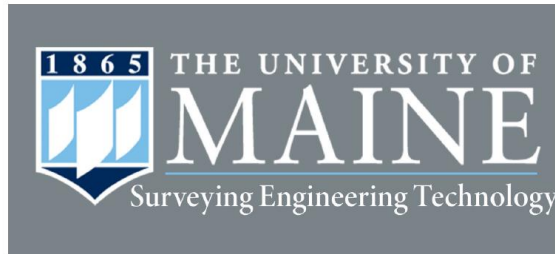
Funds raised will be used for club activities including NSPS Student Competition Attendance.

Checks are to be mailed and made out to:
NSPS Student Chapter
c/o University of Maine
School of Engineering Technology
5711 Boardman Hall, Room 316
Orono, Maine 04469-5711

We are currently unable to process CC payments at this time.



(Full Back)



(Left Chest)

Size:

(S thru 3XL)

ITEM

Gildan® Men's Heavy Blend™
Hooded Pullover Sweatshirt
(Includes Shipping, USPS)

PRICE

\$55.00
(Add \$10 for
2/3XL)

Total: _____

Email: _____

Please print all information and return entire sheet with payment.

Shipping
Label

Name: _____

Address: _____
