



COLLEGE OF ENGINEERING

SCHOOL OF ENGINEERING TECHNOLOGY
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Surveying Engineering Technology
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<http://www.maine.edu/set/svt>

UM Surveying Engineering Technology Fall 2002 Newsletter

EVOLUTION: At the end of the Spring Semester 2003, the Spatial Information Engineering undergraduate program will evolve into Information Systems Engineering. At first, traditional surveying education (geodesy, photogrammetry, boundary retracement, remote sensing, land development) was scheduled to be phased out. The willingness of Dr. David Dvorak, Director of the School of Engineering Technology, along with an overwhelming clamor from New England surveying societies and surveyors convinced the University of Maine to transfer the traditional surveying education to a new program within the School of Engineering Technology. Traditional surveying will be taught in the Surveying Engineering Technology (SVT) program that starting in the Fall Semester, 2003.

AFFILIATION: As an alumni of Surveying Engineering or Spatial Information Engineering, you have the opportunity to be listed as an alumni of the new program. If you would like to be associated with the new program, please send an e-mail message to knud_hermansen@umit.maine.edu or call the School of Engineering Technology and inform Ms. Linda Liscomb that you would like to be affiliated with the SVT program.

FACULTY: Tenured and tenure-track faculty within the School of Engineering Technology must have a master of science degree in an appropriate discipline, be licensed, and have at least three years of relevant experience. Dr. Raymond Hintz, P.L.S. and Dr. Knud E. Hermansen, P.L.S., P.E., Esq. will be full-time faculty within the program. Mr. Louis Morin, P.L.S., instructor in Forest Resources, will be a cooperating instructor.

SVT WEB SITE: A SVT web site is currently under construction. When the web site is completed, you will find student resumes, employment announcements, program information, admission requirements, faculty information, and surveying practice information. Check out the web site and send Knud Hermansen your suggestions.

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FOUNDATION: The surveying profession in New England is fortunate to have Joe McNichols and the New England Section of ACSM willing to establish an education foundation that will help support the program. The education foundation is a non-profit foundation established to advance surveying education in New England. Anyone interested in donating to the foundation should contact Joe McNichols at <> or their state surveying society.

REQUEST FOR HELP: Despite the strong support for the program, there was no money within the University of Maine budget to support a surveying program within the School of Engineering Technology. Under the leadership of Joe McNichols, New England Section of ACSM, and Jason Racette, Bureau of Land Management, money was pledged to bring on another faculty member required by ABET. Just as important is the ongoing effort to raise a reasonable operating budget of \$10,000/year. Many of the New England professional organizations are pledging their support for this effort. Another important goal within the SVT program is developing funding that will provide a mechanism to achieve a reasonable student population through recruitment. This will be achieved through individual and firm donations which will go to recruiting efforts such as mailings, scholarships, high school visits, brochures, and pamphlets. If you would like to support one of these efforts, the suggestion (though obviously not required) is for 3 year pledges of \$500/yr. from firms of 20+ employees, \$250/yr. from firms of less than 10 employees, and \$100/yr. from individuals. A principal in a firm may simply donate as a firm, or as both a firm and an individual. A surveyor working at a firm can donate as an individual whether or not his or her firm donates. Note a \$100 annual donation is less than 30 cents a day!

Donations for equipment, software, and lab support are also needed and would be appreciated.

Make out checks to the UNIVERSITY OF MAINE. Be sure to state on the check or in the letter that the money is to be used for the SVT program. Mail the check to the School of Engineering Technology, 5711 Boardman Hall, Room 119, Orono, Maine 04469-5711.

FIRM LISTINGS: The firms who donate the amounts previously mentioned (or more) will be advertised on the Surveying Engineering Technology (SVT) web site. Individuals who donate the listed amount or more will also be listed on the web site.

SCHOLARSHIPS: Named scholarships can be established at a minimum pledge of \$1000/yr for 3 years. The donor will have the choice of establishing requirements for a recipient. The donors of the scholarships will be advertised on the SET web site.

PROGRAM: The program can be found on the web site. It has incorporated all the ABET requirements, BLM requirements, Maine Board of Licensure requirements, University of Maine general education requirements, and still provides maximum flexibility to accept two year transfer students. It also provides for several tracks that strengthens education in certain areas.

TRACKS: There are five tracks a student can opt to take within the Surveying Engineering Technology program: Engineering, Construction, Business, Legal, and Geographic Information Systems (GIS). The engineering track provides the student with skills that will increase the student's chance of passing the engineering fundamental portion of the exam leading to professional engineering licensure. The construction management track will lead to a minor in construction management technology. The business track provides students with a minor in business. If the student opts to take this track, they can complete an MBA at the University of Maine in one additional year. The legal track provides the student with skills useful for record research and helpful for retracement surveys. The GIS track provides students with a strong background in geographic information systems.

FACULTY PLEDGE: You have the faculty's pledge that this program will listen to the profession's needs. It will be a home that the surveying community can be proud of. If you have questions please call me Ray Hintz at 207-581-2189 or e-mail Ray at <rayhintz2000@yahoo.com>

