THE UNIVERSITY OF MAINE

COLLEGE OF ENGINEERING
SCHOOL OF ENGINEERING TECHNOLOGY

Surveying Engineering Technology
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Surveying Engineering Technology
Industrial Advisory Committee Newsletter

April 2, 2003

Greetings! The first meeting of the Industrial Advisory Committee (IAC) for the new Surveying Engineering Technology (SVT) program will occur on Friday, 25 April. In forming the committee, we have attempted to bring together a diverse group of influential leaders in the surveying profession that will both assess and advise us on how to make the surveying program a success.

The School of Engineering Technology relies heavily on its IAC. IAC members have two responsibilities toward the program: 1) Advise and 2) Assess. At the first meeting, we would like your advice and assessment of the program content, strategic plan, assessment tools, and goals of the program. The Fall meeting will be devoted to meeting with the students. This meeting will allow IAC members to help assess the quality and effectiveness of the program.

Before the next meeting, you should review the surveying engineering technology web site and the attached handouts. At the April meeting we will discuss the following:

Assessment Strategy: The SVT program will apply for ABET accreditation. Accreditation requires assessment of both our student's knowledge and program effectiveness.

SVT Educational Outcomes: The SVT education outcomes should address ABET outcomes criteria a-k. The proposed outcomes mirror the ABET outcomes.

Strategic Plan: The strategic plan sets forth the goals for the program and some guidance on achieving those goals.

Program: The SVT program has been approved and will go into effect for the Fall Semester 2003. The program complies with ABET and UM requirements. It also addresses the numerous comments and suggestions received from practicing surveyors. The program can and will be modified as required.

Catalog Description: The catalog description should provide sufficient information to attract students and give them a basic understanding of the requirements for admittance and graduation.

SVT Fact Sheet: The SVT fact sheet should provide succinct information to answer typical questions and attract students to the program.

Recruiting: At the present time, it appears that we have six students for the program. This number includes two students transferring from the SIE program. One student will transfer from the CMT program. The goal is to have at least ten new students per year. Since the program was not officially approved until recently, it is hoped that counting will not start until the Fall Semester 2004.

Program Tracking: A historical summary of efforts to prevent the elimination and transfer the surveying program have been included.

Tracks: The flexibility built within the surveying program provides students with several options or tracks. Some students will be able to use the flexibility of the program to obtain a minor in business or construction management technology. Students that obtain a minor in business will be able to obtain an MBA with one year of additional study. Other options will aid the surveyor in obtaining their professional engineering license, a commission in the United States Army or Navy, or further studies in GIS, mathematics, or physics.

Articulation Agreement: Ray Hintz has been active in seeking articulation agreements for the program. Articulation agreements allow students from a two-year program to receive a full two years (60 credit hours) of credit. It sets up a 2+2 program. He will report on his activities at the meeting.

Surveying Minor in Forestry: Louis Morin, a faculty member within Forestry, is slated to be an adjunct faculty in SVT. There will be close cooperation with Forestry to allow forestry majors to obtain a minor in surveying engineering technology. The surveying minor will insure that these students have the minimum required courses and credits required to sit for the surveying fundamentals exam.

Position Announcement: A position announcement has been prepared for filling the third surveying faculty position. SET faculty requirements mandate that tenure track faculty be licensed within the appropriate profession, have a M.S. degree in the field, and have at least three years of relevant experience. Initially every attempt will be made to fill the position with a dual licensed individual that can not only cover surveying courses but also cover CAD and possibly some CMT courses. To help with recruiting, there will be a close alignment with the CMT program (which has too many students).

Process for Surveying Engineering Technology Assessment and Evaluation
(To Be Reviewed by IAC at First Meeting)

Constituents: IAC, Alumni, and Employers

1) Assessment Processes
   a) Student Course Evaluation (official UM instrument)
      i) Each faculty member will administer, according to the university regulations, an officially approved UM student course evaluation instrument.
      ii) The Director will review the summaries of these evaluations and any program-related issues will be discussed directly with the faculty involved.
      iii) The forms and the summaries will be returned to the faculty and a copy of the summary will be inserted in the faculty personnel file according to University of Maine regulations for purposes of consideration in promotion, tenure and post-tenure evaluations.
      iv) Faculty will review their course evaluations and make modifications.
   b) Course Outcomes Assessment
      i) Each faculty member will review student work specified as outcomes evidence for their courses
      ii) The faculty will evaluate the evidence, determine whether or not the outcome was achieved, and take any corrective action required the next time the course is offered.
   c) Industrial Advisory Committee (IAC) Assessment of Class
      Each Spring the IAC will interview students from each year period on the topics of: courses, faculty, coop employment, full-time employment and program applicability to surveying profession needs. The IAC will provide an assessment of the interviews. Faculty will respond to the IAC each Fall with explanations, program changes, and actions for improving the program.
   d) Graduate Exit Survey
      i. The Program Coordinator will oversee the administration of the Graduate Exit Surveys to the graduating class at the end of each term.
      ii. The Program Coordinator will:
         1. Review responses
         2. Tabulate responses
         3. Develop a list of program-related problems that need faculty attention
         4. Transmit the findings of the survey to the SVT faculty.
   e) Alumni and Employer Survey
      i. The School of Engineering Technology, on a bi-annual basis, will solicit responses to a standardized survey sent to alumni and their employers from each program.
      ii. This data will be collected from those alumni who have been graduated 3,4, 7 and 8 years.

iii. The Director of the School of Engineering Technology will oversee the collection and tabulation of these responses.
iv. The program-specific tabulated data and the survey instruments will be forwarded to the Program Coordinator.
v. The Program Coordinator will:
    1. Review responses
    2. Tabulate responses
    3. Develop a list of program-related problems that need faculty attention
    4. Transmit the findings of the survey to the SVT faculty.

f) Fundamentals (Surveying) Exam
    i. All seniors will take the surveying fundamentals exam (LSIT exam).
    ii. If feasible, exam results will be tabulated by the Maine Board of Licensure or NCEES and sent to the SVT program coordinator.
    iii. The SVT program coordinator will review the results with the SVT faculty and implement any modifications to the program deemed necessary.

g) Annually the SVT faculty will:
    i. Interpret and review data to determine if there is need for additional data and/or a need for program redesign.
    ii. The faculty will critically review the previous year's assessment activities and plan for refinement.
    iii. Present feedback results at the Industrial Advisory Committee meeting and will solicit comments and recommendations.
    iv. The SVT faculty will plan for the coming year based on all feedback received and the meeting with the Industrial/Alumni Advisory Committee.

h) The SVT faculty will maintain a permanent written record of:
    i. Documentation of the use of assessment results
    ii. Comments generating changes or modifications to the program
    iii. Recommendations and changes made by the faculty.

Educational Objectives

The Surveying Engineering Technology program will prepare graduates who:

a. demonstrate an appropriate mastery of the knowledge, techniques, skills, and modern tools of surveying practice,
b. apply current knowledge and adapt to emerging applications of mathematics, science, engineering, and technology,
c. conduct, analyze, and interpret experiments and apply experimental results to improve surveying processes,
d. apply creativity in the design of systems, components, or processes appropriate to surveying program objectives,
e. function effectively on teams,
f. identify, analyze, and solve technical problems,
g. communicate effectively,
k. recognize the need for and possess the ability to pursue lifelong learning,
i. understand professional, ethical, and social responsibilities,
j. recognize contemporary professional, societal, and global issues and are aware of and respect diversity, and
k. have a commitment to quality, timeliness and continuous improvement.

Surveying Engineering Technology Program

Strategic Plan

27 March 2002

Prepared
By
Raymond Hintz, Associate Professor & Coordinator
Knud E. Hermansen, Professor

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1. Mission Statement

The mission of the Surveying Engineering Technology program is to provide quality undergraduate instruction in surveying engineering technology by integrating surveying principles and education with business, civil engineering technology, and communications to result in effective involvement in professional surveying practice upon graduation.

2. Applicable Strategic Plans

The strategic plan for the Surveying Engineering Technology program follows the University of Maine plan, the College of Engineering plan, and the School of Engineering Technology plan.

3. Present Status

Presently, the SVT program has two, full-time SET faculty and two, part-time faculty. The program combines surveying principles, civil engineering, and

business to produce a graduate prepared to achieve licensure as a professional land surveyor and provide surveying services in professional practice.

4. Past and Expected Scope of the SVT Program

Graduates from the predecessor programs (SVE & SIE) now work throughout the United States. Graduates work throughout the United States as software developers, photogrammetrists, geodesists, professional land surveyors, survey managers, and small business owners. The program will focus on professional practice. Close cooperation with Forestry will strengthen both programs by offering diversity in course offerings and employment potential.

5. Faculty and Personnel

Currently the faculty complement the program with their diverse interests. The program enjoys the expertise of the following faculty:

- **Raymond Hintz** (full time) — Ray is a professional land surveyor in Florida and Maine. He teaches in the areas of photogrammetry, geodesy, GPS, data collection, and adjustment computations.

- **Knud E. Hermansen** (full time) — Knud is a professional land surveyor (ME, PA, MD, WV, WI), professional engineer (ME, PA, WV), and an attorney at law (PA, ME). He teaches basic surveying, construction surveying, land development, and boundary retracement.

- **Steven Adam** (adjunct faculty) — Steve is the advancement officer for the College of Engineering. He has a master of business administration. Steve teaches small business management.

- **Louis Morin** (full time) — Louis is a instructor in forest resources. He teaches basic surveying, GIS, and remote sensing in the College of Natural Sciences, Forestry, and Agriculture.

6. Future Directions

In the next three years the program will concentrate on increasing enrollment in the SVT program.

6.1 Program Focus

The focus of the program will be on professional surveying practice optimizing employment opportunities within the Bureau of Land Management and private practice.

6.2 Technical Electives

The program incorporates several technical electives. Faculty have structured several technical electives to allow students to choose between two minors or several concentrations that provide students with flexibility.

6.3 Technology

An emphasis will be made to keep equipment current and sufficient equipment on hand to allow lab groups to remain small. Small lab groups provide maximum learning possibilities for the students.

6.4 Faculty Expertise/Expansion

It is proposed that the SVT program have three full-time faculty. This will include expertise in all areas of surveying engineering and technology and provide some flexibility for faculty taking sabbaticals.

A teaching assistant should be added to help faculty with labs, assignments, and practical exercises. The teaching assistant is expected to be a graduate student from the Civil and Environmental Engineering program.

7. Enrollment & Recruiting

Currently, the Dean has mandated at least 20 students per faculty at the end of three years. Recent sampling of employers indicates the number of students can exceed this number with graduates able to find numerous employment opportunities. A recruiting goal of approximately ten students

per entering first-year class is set. A goal of four transfer students per junior and senior year is set.

Practicing surveyors and SVE/SIE alumni will be heavily relied upon to recruit. Faculty will develop recruiting aids for surveyors to use when visiting high schools.

Scholarships from ACSM, ASPRS, and state societies will be sought and utilized so that non-Maine students will be able to offset the in-state plus 50% tuition.

The Bureau of Land Management is expected to provide summer cooperative work experience. The integration of Bureau of Land Management summer employment will provide useful experience and a path to permanent employment.

8. Facilities

Equipment and laboratory facilities will be shared with Forestry, CIE, and CMT. There is no reason to change this cooperative arrangement. Some funding support is required from the CMT and CIE programs. In addition, professional societies have committed to providing equipment support. The director will consult with the chair of SIE to work through the transfer of rooms in Boardman Hall to the SVT program.

9. Goals/Objectives (ABET/TAC)

ABET/TAC requires the program "*have written goals that as a minimum focus on the student body served, employer expectations, resource allocation and other factors affecting the program. Programs are required to have plans for continuous improvement and evidence that the results are applied to further development and improvement of the program.*"

Accordingly, a record of curriculum and course changes will be kept. This five-year plan will serve as part of this requirement.

9.1 Student Body Served

It is expected that the typical student body in the SVT program will be comprised of approximately 80% recent high school graduates. The remainder will be non-traditional students. Approximately, 30% of entering students will have some surveying experience. The vast majority of students will be from the top half of their high school class. Students will be expected to learn best by "hands-on" course content. The average class size will be 12.

The goal will be to increase the enrollment to 20 students per faculty. Efforts will be made to continuously increase the enrollment of both high school graduates and non-traditional students.

9.2 Employer Expectations

Every effort is made to include representatives of New England professional societies (who are also prospective employers of graduates) in the Industrial Advisory Committee (IAC). IAC meetings occur at least twice a year. IAC members provide feedback and help set goals and expectations for graduates. Employers expect students to be able and willing to enter management and technical positions. Students are expected to have the fundamental skills necessary to understand all aspects of surveying operations with minimal training and supervision. Many students are hired for their expertise in new technology and software. They are used to help introduce the new software and technology into the surveying firm.

The goal is to include both technical skills and business skills with graduates.

9.3 Resource Allocation

The SVT program requires little resource allocation. The program requires software and technology such as surveying equipment and computer software. This technology is shared between the CMT program, Forestry, and the Civil and Environmental Engineering department.

9.4 Professional Entry

The SVT program is expected to reverse the dwindling number of people taking the LSIT and LS exams within the New England Region.

Previously, the SVE/SIE program had a 40/40/20 percentage (inside Maine, outside New England, New England). The program is expected to increase the percent of graduates staying in New England.

10. Student/Program Assessment

ABET/TAC requires that each program demonstrate achievements including "*student outcomes assessment and employer feedback.*" Furthermore, ABET/TAC states that "*typical evidence may consist of student portfolios including project work and activity based learning; results of integrated curricula experiences; nationally-normed subject content examinations; recent graduate surveys that demonstrate graduate satisfaction with employment including career development activities, mobility opportunities, and appropriate job title; and employer surveys that demonstrate satisfaction with recent graduates. Programs also must demonstrate that their graduates are readily accepted into the workforce and are prepared for continuing education.*"

The SVT program has opted for the following assessments:

Fundamentals Exam - Students will be required to take the surveying fundamentals exam. The results of this exam will be used to determine strengths and weaknesses of the program.

Alumni Surveys — Surveys of graduates will done periodically. The survey will determine graduate satisfaction with employment including career development activities, mobility opportunities, and appropriate job title.

Employer Surveys — Surveys of employers will be done to determine satisfaction with recent graduates.

Internal Surveys — The SVT program will perform exit surveys of all graduating students. The exit survey will gather information on job offers, salary offers, benefits, and positions.

Surveying Engineering Technology Program

The Surveying Engineering Technology is a program that is financially supported by every New England surveying society. The original and continuing plan is for the surveying program at the University of Maine to provide advanced education opportunities for New England residents and graduates of two-year programs in New England states.

Program Information

SEMESTER I (Fall)

SVT 100 Introduction to Surveying Tech.....1
COS 101 Intro. to PC Hardware & Windows.....1
COS 102 Introduction to the Internet & WWW.....1
COS 103 Introduction to Spreadsheets.....1
SVT 110 Instrumentation & Data Collectors.....1
MET 121 Technical Drawing.....3
TME 151 Pre-calculus.....3
PHY 107 Basic Physics I.....4

Total.....15

SEMESTER II (Spring)

CET 101 Plane Surveying*.....3
PHY 108 Basic Physics II.....4
_____ CAD Course.....3
ENG 101 College Composition.....3
TME 152 Pre-calculus & Intro. Calculus.....3

Total.....16

SEMESTER III (Fall)

CET 202 Construction Surveying.....3
_____ Elective.....3
TME 253 Applied Calculus for Engr. Technology.....4
COM 103 Fundamentals of Public Communication.....3
MAT 215 Intro. To Statistics for Bus. & Econ.....3

Total.....16

SEMESTER IV (Spring)

SVT 201 Adjustment Computations.....3
SVT 221 Boundary Law.....4
CET 332 Civil Engineering Technology.....3
FTY 206 Photogrammetry & Remote Sensing.....3
ENG 212 Persuasive and Analytical Writing.....3

Total.....16

SEMESTER V (Fall)

BUA 201 Principles of Accounting I 3
SVT 329 Site Planning & Subdivision Design 1
ENG 317 Business and Technical Writing 3
SVT 341 Advanced Surveying 3
_____ Population and the Environment Elec 3
_____ Cultural Diversity Elective 3

Total 16

SEMESTER VI (Spring)

_____ Elective 3
MET 484 Engineering Economics 3
COM 257 Business & Professional Communications 3
_____ Law or Environment Elective 3
SVT 352 Practical Field Operations 3

Total 15

SEMESTER VII (Fall)

SVT 437 Practical GPS 3
SVT 475 Small Business Management 3
_____ Elective 3
SVT 418 Fundamentals Surveying Exam Overview 1
_____ Elective 3
ECO120 Principles of Microeconomics 3

Total 16

SEMESTER VIII (Spring)

_____ Western Cultural Tradition Elective 3
SVT 490 Surveying Capstone 3
TSO 360 Engineering Ethics 1
FTY 480 Applied Geographic Information Systems 3
_____ Elective 3
Fundamentals Surveying Exam (passing not req'd) ..... N/A
_____ Artistic and Creative Expression Elec. 3

Total 16

Total 126

Catalog Description

The Surveying Engineering Technology program trains individuals to enter a career in professional surveying. The program is designed to provide a graduate with sufficient skills to enter surveying practice and succeed.

The Surveying Engineering Technology program provides quality instruction in surveying and engineering topics blended with business and communications. The objective of the program is fulfilled by providing students with a foundation in mathematics, science, communications, social science, and humanities; coupled with topics in plane surveying, construction surveying, photogrammetry, remote sensing, boundary law, civil engineering technology, cadastral surveying, global positioning systems, land development design, and geographic information systems. Upon graduation students can expect to be able to:

- Demonstrate and apply acquired knowledge, techniques, skills, and modern tools of surveying practice to emerging applications of surveying using mathematics, science, engineering, and technology to provide and improve surveying services.
- Apply creativity appropriate to the surveying process by functioning effectively on teams that solve technical problems, through effective communications and application of surveying engineering technology.
- Have the ability to pursue lifelong learning and have a commitment to quality, timeliness and continuous improvement in the profession of surveying.
- Recognize professional, societal, ethical, and global responsibilities while respecting diversity.

The student is taught a variety of surveying topics in a highly technical and rigorous curriculum. The primary focus is educating students to enter a rewarding career as a professional land surveyor. Students that enjoy outdoor activities will enjoy a career in land surveying.

The University of MAINE

Surveying Engineering Technology

COLLEGE OF ENGINEERING

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Entrance Requirements

in Years (as established by the college)

A high school diploma with the following specific courses:

4	English
2	Algebra I & II
1	Geometry
1/2	Trigonometry
2	Lab Science (including physics)
2	History/Social Studies
	Academic electives (to equal at least 17 total credits)

To ensure current mathematical skills students should take a mathematics course during their senior year of high school.

Major Requirements

48 credits	Surveying Engineering Technology
12 credits	Business
21 credits	Communications (***English, writing, speech***)
18 credits	Human Values & Social Context
21 credits	Sciences & Mathematics
18 credits	Electives

126 Minimum total credit hours required for graduation

Program

The Surveying Engineering Technology program trains individuals to enter a career in professional surveying. Professional surveying offers a rewarding career that combines history, art, mathematics, communications, science, civil engineering, and business with surveying engineering to build a foundation for professional surveying practice. Persons that enjoy the outdoors while operating independently to solve problems, all while earning a good salary, will enjoy the profession of surveying.

The objective of the Surveying Engineering Technology program is to provide quality instruction in surveying and engineering. The objective of the program is fulfilled by providing students with a foundation in mathematics, science, communications, social science, and humanities. The foundation is coupled with instruction in plane surveying, construction surveying, photogrammetry, remote sensing, boundary law, civil engineering, cadastral surveying, global positioning systems, land development design, and geographic information systems. The result is a graduate able to take on the responsibility of professional surveying practice.

Career Opportunities

Opportunities for employment are numerous in the New England area and throughout the United States. Positions exist in rural, urban, and city environments. The Bureau of Land Management is expected to have several hundred openings in the next few years. Engineering and surveying consulting firms also have a large need for graduates. Within four to ten years, graduates are usually employed in management positions as licensed surveyors, certified photogrammetrists, or licensed engineers. Many have their own consulting firm.

Summer Employment

There are numerous opportunities for summer employment. The Burea of Land Management offers numerous Summer intern positions throughout the United States with good pay and per diem. Summer is a busy time for private consultants so summer employment is possible in most areas.

Specialty Concentrations or Tracks

With judicious use of electives within the Surveying Engineering Technology program, a student can specialize in the following areas:

Fundamentals of Engineering (5 elective courses)
Construction Management - Minor in Construction Management Technolgy (4 elective courses)
Business - Minor in Business (5 elective courses)
Legal Technology (5 elective courses)
Geographic Information Systems (5 elective courses)

NEBHE Program

Under the New England Regional Student Program, administered through the New England Board of Higher Education, the Bachelor of Science degree in Surveying Engineering Technology is open to applicants who reside in New Hampshire, Connecticut, Rhode Island, Massachusetts, or Vermont for reduced tuition (in-state tuition plus 50 percent).

Professional Societies

Scholarship information along with career and employment information is available from the following professional societies:

American Congress on Surveying and Mapping (ACSM) <http://www.acsm-nes.org/>
American Society of Photogrammetry and Remote Sensing (ASPRS) <http://www.asprs.org/>
Connecticut Association of Land Surveyors (CALS) <http://www.ctsurveyor.com/>
Maine Society of Land Surveyors (MSLS) <http://www.msls.org/>
Massachusetts Association of Land Surveyors and Civil Engineers (MALSCE) <http://www.engineers.org/malsce/>
New Hampshire Land Surveyors Association (NHLSA) <http://www.nhlsa.org/>
Rhode Island Society of Professional Land Surveyors (RISPLS) <http://www.rispls.org/>

Transfer Credits

The Surveying Engineering Technology program has reached agreement with many New England two-year technical colleges permitting students to transfer into the Surveying Engineering Technology program with two years of course credits.

Frequently Asked Questions

*** What positions can I apply for as a graduate of the Surveying Engineering Technology program?** A surveying assistant is a typical starting position. Those with Summer experience are often employed as party chiefs upon graduation. Technical positions such as photogrammetrist or project engineer are also common starting positions.

* **Where can I work?** Work is available almost anywhere from Hawaii to Alaska, California to Maine. Most graduates tend to work in the New England area where they are close to friends and family. Some graduate choose large firms for the varied experience and excellent salary. Other graduates choose small, rural firms for the quality of life and friendly community. Many have chosen government service for the excellent experience, speedy responsibility, excellent benefits, and travel opportunities.

* **How hard is it to get a job?** Within the last ten years employment offers have been numerous throughout the New England area. Even when economic growth was slow, jobs were available in the southern and mid-western United States.

* What is the salary I can expect? Salaries are heavily dependent on the area of employment. Salaries range from $25,000 to $60,000. Large urban areas tend to pay higher salaries than remote, rural areas.

*** What is the average class size in the technology programs?** The average class size for technology classes is 20 students

* **Who are the faculty?** There are three full-time faculty and one part time faculty. All full-time faculty are licensed professional land surveyors. All faculty have at least a master of science degree Two of the faculty have a Ph.D. One faculty has a law degree. All faculty have several years of experience and are members of local and national professional organizations.

* **Where can I find additional information about surveying as a career and the surveying technology program?** Additional information can be found at the surveying engineering technology web site <http://www.umaine.edu/set/svt/>, calling the program coordinator, or writing to the Director for the School of Engineering Technology (see address and telephone numbers on the front of this fact sheet).

Surveying Engineering Technology (SVT) Development Highlights

Note this list is from memory and any missing items were not intentional.

Memorial Day 2002 – Dean of Engr. Announces BS in Spatial will close. Surveying and geodesy faculty will be reassigned

May – August 2002 – letter writing campaign to re-create a survey program to the Dean, President, and Provost carried a very strong message of professional support

June 2002 – David Dvorak, head of School of Engineering Technology, supports creation of SVT if proper funding can be realized

July 2002 – Jason Racette of Bureau of Land Management meets with Dean and proposes funding to help support the SVT program to enhance educated surveyors who may seek employment in BLM

August 2002 – Dean meets with David Cook (MSLS), Rich Vannozzi (MALSCE), and Joe McNichols (ACSM-NES) to discuss required annual funding to support SVT

August – present – financial contributions to SVT are pledged by ACSM-NES and state surveying societies of MA, ME, NH, and VT (CT is in process of securing a pledge)

Sept. 2002 – open meeting at University sponsored by Penobscot-Hancock chapter of MSLS to discuss SVT program attended by 50+ people

Sept. 2002 – ACSM-NES informs Dean that his defined financial requirement for SVT to proceed has been realized

Oct. 2002 – Curriculum is established for BS SVT which satisfies ABET technology accreditation

Nov. 2002 – all course information for SVT curriculum is completed for approval by the university

Nov. 2002 – proposal for the Surveying Education Foundation of New England is delivered to state societies to act as a non-profit repository for financial donations for surveying education as a whole in New England

Dec. 2002 – David Dvorak announces that SVT is allowed to proceed with recruitment ; Web presence opened to public – www.umaine.edu/set/svt/

Jan. 2003 – Penobscot-Hancock chapter of MSLS meets to discuss recruitment for SVT

Jan. 2003 - proposed articulation course transfer agreements (2+2 transfer) are sent to Central Maine Technical College, Univ. of New Hampshire Thompson School, New Hampshire

Technical College, Wentworth Institute (MA) , Three Rivers Community College (CT), Capitol Community College (CT), and Norwalk Community College (CT)

Jan. 2003 – 3 survey grade GPS receivers are donated to SVT

Jan. 2003 – soft copy photogrammetry software donated to SVT

Jan. 2003 – first meeting of the Surveying Education Foundation of New England (SEFNE) to finalize transfer of funds to SVT

Jan. 2003 – cooperative agreement submitted by BLM to UMO to allow transfer of funds to SVT

Jan. 2003 – Presentation on SVT at annual MSLS meeting. MSLS members sign up to visit Maine High Schools to promote surveying in general and both surveying education at Central Maine Technical College and the University of Maine

Feb. 2003 – first check arrives from SEFNE to help SVT efforts – thanks!

Feb. 2003 – all SVT courses have been approved by the University of Maine

Mar. 2003 – SVT will be advertised in POB as it was paid for with SEFNE funds

Mar. 2003 – proposed articulation agreement set up with Paul Smiths College in NY

Mar. 2003 – BLM assistance agreement and SEFNE contract for funding the third SVT faculty position approved by Sponsored Programs at the University of Maine

Mar. 2003 – SVT faculty advertisement approved by the University for sending to appropriate locations