



University of Maine
School of Engineering Technology
Surveying Engineering Technology Program



Program Information

A surveying career is for the individual that seeks a good salary, likes the outdoors, and wants to work independently. Surveying is a combination of technical knowledge, legal knowledge, business savvy, innovation, and communication skills. Employment is available across the United States — in rural and urban communities.

Transfer Fact Sheet

This information is provided for matriculation from the **RANGER SCHOOL STATE UNIVERSITY OF NEW YORK COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY** to the Surveying Engineering Technology program at the University of Maine.

Transfer Conditions:

- Students will receive transfer credits only for courses passed with a grade of “C-” or better, except that ENG101 course substitutions must be passed with a grade of “C” or better.
- Course substitutions only apply to School of Engineering Technology programs. Students transferring to other programs within the University of Maine will require re-evaluation of courses.
- Numerous other courses may transfer for Art & Creative Expressions elective and Cultural Diversity elective. The transfer credit must be accomplished on a course by course basis.
- Students must take and complete at least 30 credits at the University of Maine.

New England Regional Student Program: New England residents qualify for the New England Board of Higher Education reduced tuition rates, see <http://www.nebhe.org/programs-overview/rsp-tuition-break/overview/>.

For up-to-date information on course transfers, see <http://www.umaine.edu/set/svt/>

SEMESTER I (Fall)			
SVT100, Introduction to Surveying Tech.	1	FTC 251 Advanced Surv. Measure./Computations	1/5
CMJ103, Fundamentals of Public Communications	3	CMN 220 Public Presentation Skills for Environmental Professionals or EWP220 Public Presentation Skills	3
COS103, Introduction to Spreadsheets	1		
SVT110, Instrumentation & Data Collectors	1	FTC 251 Advanced Surv. Measure./Computations	1/5
SVT121, AutoCAD for Surveyors	3	FTC 259 Intro. to Comp. Aided Drafting/Design	4

MAT122, Pre-calculus	4	MAT 194 Precalculus	4
PHY107, Technical Physics I	4	PHY211/221 General Physics I and Laboratory	4
Total	17		
SEMESTER II (Spring)			
CET101, Plane Surveying*	3	FTC 202 Introduction to Surveying	3
PHY108, Technical Physics II	4	PHY211/221 General Physics II and Laboratory	4
ENG101, College Composition	3		
TME152, Pre-calculus & Intro. Calculus	3	MAT 295 Calculus I	4
SVT122, AutoCAD for Surveyors II	3		
Total	16		
SEMESTER III (Fall)			
CET202, Construction Surveying	3	FTC 257 Construction & Topographic Surveys	3
TME253, Applied Calculus for Engr. Technology	4	MAT 296 Calculus II	4
<i>Population and the Environment Elec.</i>	3	EFB120 The Global Environment and the Evolution of Society (example)	3
MAT215, Intro. To Statistics for Bus. & Econ.	3	APM 391 Introduction to Probability and Statistics	3
<i>Elective</i>	3	FTC200 Dendrology	3
Total	16		
SEMESTER IV (Spring)			
SVT201, Adjustment Computations	3		
SVT221, Boundary Law	3	FTC 255 Boundary Surveying	3
CET332, Civil Engineering Technology	3		
SVT331, Photogrammetry	3		
ENG212, Persuasive and Analytical Writing	3		
Total	15		
SEMESTER V (Fall)			
BUA201, Principles of Accounting I	3	ACC201 Introduction to Accounting or FOR205 Principals of Accounting	3
SVT329, Site Planning & Subdivision Design	1	FTC 256 Subdivision Surveys	2
ENG317, Business and Technical Writing	3	EWP 405/410 Professional Writing	3
SVT341, Advanced Surveying	3	FTC 251 Advanced Surv. Measure./Computations	3/5
SVT322, Preparing Effective Prop. Descriptions	1		
<i>Cultural Diversity Elective</i>	3	SOC 248 Ethnic Inequalities and Intergroup Relations (example)	3
CET451, Construction Law	3	FTC 253 Survey Law	3
Total	17		
SEMESTER VI (Spring)			
<i>Artistic and Creative Expression Elec.</i>	3	HOA105 Arts and Ideas I (example)	3
Advanced Communications Elective	3	CMN 420 Advanced Public Presentation Skills	3
SVT352, Practical Field Operations	3	FTC 225 Timber Transportation and Utilization	3

ECO120 or ECO121 Economics	3	FOR207 Introduction to Economics	3
<i>Elective</i>	3	FTC 206 Forest Ecology	4
Total	15		
SEMESTER VII (Fall)			
SVT437, Practical GPS	3	FTC 204 Intro to Natural Resources Measurements	4
SVT475, Small Business Management	3	EEE375 Introduction to Entrepreneurship and Emerging Enterprises	3
SVT418, Fundamentals Surveying Exam Overview	1		
MET484, Engineering Economics	3		
<i>Elective</i>	3	FTC 210 Leadership and Forest Technology	3
<i>Elective</i>	3	See Note 1	
Total	16		
SEMESTER VIII (Spring)			
SVT490, Surveying Capstone	3		
SFR400, Applied Geographic Information Systems	4	FTC 208 Geographic Information Technology	3
Fundamentals Surveying Exam (passing not req'd)	N/A		
Ethics	1	REL252 Religious Ethics and Social Issues or EST640 Environmental Thought and Ethics	3
<i>Elective</i>	3	See Note 1	
<i>Elective</i>	3		
Total	14		
Total	126		

Note 1 – The following courses may be used for an elective:

- ERE 221 Engr. Mechanics Statics 4 cr
- ERE 222 Engineering Mechanics Dynamics 3 cr.
- ERE 223 Statics and Dynamics 4 cr.
- CME 226 Statics and Mechanics of Materials 4 cr
- FTC 207 Forest Safety 1 cr
- FTC 223 Water Measurements 1 cr
- FTC 239 GIS Applications 2 cr.

For additional information contact: Ms. Linda Liscomb, 207-581-2340

Dated this the 3rd day of June 2013



Dr. Scott Dunning, P.E.
Director, School of Engineering Technology

