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 **WHITE MOUNTAINS COMMUNITY COLLEGE** 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	BSUR220 Survey Practice	1/3
CMJ103, Fundamentals of Public Communications	3	BENG225 Oral Communications	3
COS103, Introduction to Spreadsheets	1	BCOM103 Introduction to Spreadsheets	1
SVT110, Instrumentation & Data Collectors	1	BSUR220 Survey Practice	1/3
SVT121, AutoCAD for Surveyors	3	BCOM126 Introduction to CAD	3
MAT122, Pre-calculus	4	BMAT180 Pre-Calculus	4
PHY107, Technical Physics I	4	BPHY115 Technical Physics I	4
Total	17		
SEMESTER II (Spring)			
CET101, Plane Surveying*	3	BSUR111 Methods of Surveying	3

PHY108, Technical Physics II	4	BPHY211 Materials Science	4
ENG101, College Composition	3	BENG120 College Composition	3
TME152, Pre-calculus & Intro. Calculus	3	BMAT215 Calculus I	4
SVT122, AutoCAD for Surveyors II	3	BSUR213 Computer Applications for Surveyors	3
Total	16		
SEMESTER III (Fall)			
CET202, Construction Surveying	3	BSUR215 Construction Surveying	1
TME253, Applied Calculus for Engr. Technology	4		
Population and the Environment Elec.	3	BENV210 Environmental Project (example)	3
MAT215, Intro. To Statistics for Bus. & Econ.	3	BMAT214 Statistics	4
Elective	3	BENV115 Soil & Water Resources Program	4
Total	16		
SEMESTER IV (Spring)			
SVT201, Adjustment Computations	3		
SVT221, Boundary Law	3	BSUR216 Survey Law	3
CET332, Civil Engineering Technology	3		
SVT331, Photogrammetry	3	BGIS213 Remote Sensing and Digital Image Processing	3
ENG212, Persuasive and Analytical Writing	3		
Total	15		
SEMESTER V (Fall)			
BUA201, Principles of Accounting I	3	BACC214 Managerial Finance & Accounting	3
SVT329, Site Planning & Subdivision Design	1	BSUR220 Survey Practice	1/3
ENG317, Business and Technical Writing	3	BENG211 Technical Writing	3
SVT341, Advanced Surveying	3	BSUR214 Advanced Surveying	3
SVT322, Preparing Effective Prop. Descriptions	1		
Cultural Diversity Elective	3	BEDU210 Foundations of Diversity (example)	3
CET451, Construction Law	3	BMGT215 Business Law	3
Total	17		
SEMESTER VI (Spring)			
Artistic and Creative Expression Elec.	3	BHUM105 Introduction to Music (example)	3
Advanced Communications Elective	3	BMGT111 Organizational Communications	3
SVT352, Practical Field Operations	3	BSUR212 Surveying & Mapping	3
ECO120 or ECO121 Economics	3	BECO111 or BECO 112 Macro/MicroEconomics	3
Elective	3	BGIS211 Geographic Information Systems Applications	3
Total	15		
SEMESTER VII (Fall)			
SVT437, Practical GPS	3	BSUR219 Global Positioning Systems	3
SVT475, Small Business Management	3	BMGT218 Small Business Management	3
SVT418, Fundamentals Surveying Exam Overview	1		
MET484, Engineering Economics	3		
Elective	3	BSUR217 Surveying Problems	3

Elective	3	See Note 1	
Total	16		
SEMESTER VIII (Spring)			
SVT490, Surveying Capstone	3		
SFR400, Applied Geographic Information Systems	4	BGIS112 Intro. To Geographic Information Systems	3
Fundamentals Surveying Exam (passing not req'd)	N/A		
Ethics	1	BMGT112 Introduction to Business Logic and Ethics	3
Elective	3	See Note 1	
Elective	3	See Note 1	
Total	14		
Total	126		

Note 1 – The following courses may be used for an elective:
BGIS 214 Advanced Geographic Information Systems 3 cr.
BGIS 215 Geographic Information Systems Project 3 cr.
BGIS 216 Geographic Information Systems Programming 3 cr.
BGIS 300 Geographic Information Systems Independent Study 3 cr.
BECO111 or BECO112 3 cr. (if you take both one will count as program elective)

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