

CCV STEM A.S. Pathway to University of Maine Surveying Engineering Technology B.S.

CCV Course	Credit	U Maine requirement	
INT-1050 Dimensions of Work or INT-1060 Dimensions of Freedom	3	SVT100 Introduction to Surveying Tech.	1
Technological Literacy Course Choose one: CIS-1041 Microcomp Apps I CIS-1410 Intermediate Spreadsheets CIS-1040 Introduction to Spreadsheets (1-cr, students need 3-cr to meet CCV Technical Literacy requirement)	3	COS103 Introduction to Spreadsheets	1
COM-1010 Effective Workplace Comm or ENG-1070 Effective Speaking	3	CMJ103 Fundamentals of Public Communications	3
ENG-1061 English Composition	3	ENG101 College Composition	3
MAT-2021 Statistics	3	MAT215 Intro to Stats for Business & Econ	3
ENG-2135 Technical Writing & Research	3	ENG317 Business & Technical Writing	3
PHY-1041 Physics I	4	PHY107 Technical Physics	4
Human Expression, choose one: ARH-2011 Survey of Western Art PHI-1040 Introduction to Ethics HUM-2010 Bioethics	3	<i>Artistic and Creative Expression Elective</i> <i>Ethics</i> <i>Ethics</i>	3 1
Human Behavior, choose one: ECO-2020 Macroeconomics ECO-2010 Microeconomics	3	ECO120 or ECO121 Economics	3
ANT-1010 Intro to Cultural Anthropology	3	<i>Cultural Diversity Elective</i>	3
HUM-2010 Seminar in Educational Inquiry	3	elective	3
Electives, choose: ARC-1011 Intro to Drafting & Blueprint Read ARC-1211 CAD I ARC1212 CAD II PHY-1042 Physics II MAT-1330 Pre-Calculus Mathematics MAT-1531 Calculus I MAT-2532 Calculus II ENV-1711 ST: Geospatial Technology ENV-1010 Intro to Environ Sci	3 3 3 4 4 4 4 3 3	ARC Elective SVT121 AutoCAD for Surveyors SVT122, AutoCAD for Surveyors II PHY108 Technical Physics II MAT122 Pre-Calculus TME152 Pre-calculus & Intro Calculus TME253 Applied Calculus for Engr. Technology SFR400 Applied Geographic Information Systems <i>Population & the Environ Elective</i>	3 3 3 4 4 4 4 4 3
CCV STEM Associate Degree	62-65		
CCV Course		U Maine Courses	Credit
Optional electives not required for STEM degree at CCV: BUS-2210 Small Business Management COM2360 Conflict Resolution BUS-2450 Business Law ACC-2121 Financial Accounting Upper level (2000+) BUS elective courses	3 3 4 4	SVT475 Small Business Management <i>Advanced Communications elective</i> CET451 Construction Law BUA201 Principles of Accounting I	3 3 3 3
		Additional Surveying Engineering Technology courses: SVT110, Instrumentation & Data Collectors CET101, Plane Surveying CET202, Construction Surveying SVT201, Adjustment Computations SVT221, Boundary Law CET332, Civil Engineering Technology SVT331, Photogrammetry ENG212, Persuasive and Analytical Writing SVT329, Site Planning & Subdivision Design SVT341, Advanced Surveying SVT322, Preparing Effective Prop. Descriptions SVT352, Practical Field Operations SVT437, Practical GPS SVT418, Fundamentals Surveying Exam Overview MET484, Engineering Economics SVT490, Surveying Capstone Ethics (if not taken at CCV) BUS or ARC Elective	1 3 3 3 3 3 3 3 1 3 1 3 3 1 3 3 1 9
		Total University of Maine credits	67
Total Credits			129