

# CCV STEM Studies to Vermont Tech Computer Info Technology PATHWAY

CCV DEGREE PROGRAM: STEM Studies	VERMONT TECH: Computer Information Technology
Gen Ed: First Semester Seminar: INT-1050 or INT-1060	INT-1005 Self, Career, and Culture
Gen Ed: Technological Literacy course Choose CIS-1151 Website Development	CIS-1151 Website Development
Gen Ed: Communication: Choose ENG-1070 Effective Speaking, COM-1010 Effective Workplace Communication, or CIS-2360 Computer User Support	BUS 2270 Organizational Communications
Gen Ed: ENG-1061 English Composition	ENG-1061 English Composition
Gen Ed: Mathematics: choose MAT-2021 Statistics I	MAT-2021 Statistics I†
Gen Ed: Research/Writing Intensive course: ENG-2135 Technical Writing & Research or take ENG-2080 at Vermont Tech	ENG-2080 Technical Communication
Gen Ed: Scientific Method course: Choose one 4-credit lab science	4-credit Lab Science
Gen Ed: Human Expression: Choose course to meet Vermont Tech Arts and Humanities	Arts and Humanities
Gen Ed: Human Behavior: Choose course to meet Vermont Tech Social Science	Social Science
Gen Ed: Global Perspectives & Sustainability: Choose BIO-1020 Introduction to Environmental Biology	4-credit Lab Science
Gen Ed: HUM-2010 Seminar in Educational Inquiry	Arts and Humanities
INT-2860 Professional Field Experience	CIS-1120 Intro to IST
Additional credits to reach 23 college-level credits from any combination of AHS, ARC, BIO, CHE, CIS (above CIS-1020), ENV, GEY, MAT, or PHY  <u>Choose:</u> CIS 2271 Java Programming CIS-1311 Cisco I: Introduction to Networks CIS-2150 Introduction to Linux CIS2152 Intermediate Linux  †Vermont Tech requires a minimum of 9 credits of approved math courses. Consider additional math courses for transfer: MAT-1230 College Algebra and MAT-1330 Pre-Calculus (must take both MAT-1230 and MAT-1330 to sub for MAT-1311 and MAT-1312) MAT 1531 Calculus I  <u>Consider taking through Vermont Tech prior to transfer:</u> *MAT-2120 Discrete Structures† *CIS 1152 Advanced Website Development *CIS2320 Software QA & Testing	CIS-2261 Introduction to Java Programming I CIS-2151 Networks I CIS-2230 Systems Administration CIS 2235 Advanced System Administration  MAT-1311 Pre-Calculus I & MAT-1312 Pre-Calculus II†  MAT 1520 Calc for Engineering†  MAT-2120 Discrete Structures† CIS-1152 Advanced Website Development CIS-2320 Software QA & Testing
<b>Total CCV credits: 60+</b>	
<b>May be taken at CCV or Vermont Tech:</b>	
BUS-2450 Business Law	BUS-2440 Introduction to Business Law
	9 credits approved CIT math credit†
	*CIS-1152 Advanced Website Development
	*CIS-2320 Software QA & Testing
	CIS-2262 Introduction to Java Programming II
	CIS-3010 Database Systems
	CIS-4150 Software Engineering
	CIS-4120 Systems Analysis
	CIS-4040 Computer Security
	CIS-4721 Senior Projects I
	27 approved CIT program electives
	HUM-3060 Cyberethics
	AH/SS 3000 level elective (ELE 3xxx)
	BUS-4530 Technical Project Management or BUS-3041 Applied Entrepreneurship
	CIS-4722 Senior Projects II
	Gen Ed Capstone
	<b>Estimated Total CCV and Vermont Tech credits: 127+</b>