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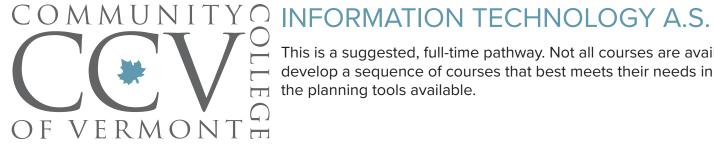
INFORMATION TECHNOLOGY A.S.

This is a suggested, full-time pathway. Not all courses are available in each semester. Students will develop a sequence of courses that best meets their needs in consultation with advisors and using the planning tools available.

SEMESTER MAP: CLOUD COMPUTING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	*Social Science*	CIS-2230 System Administration*	*Humanistic Perspectives*
	Mathematics	*Arts & Aesthetics*	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	CIS-2150 Introduction to Linux*	CIS-2350 Cloud Infrastructure and Services*
	CIS-1450 Foundations of Cloud Computing*	*Natural Science*	*Elective*	CIS-2460 Cloud Computing Capstone*
Semester Credits	15 credits	16 credits	16 credits	15 credits
Cumulative Credits	15 credits	31 credits	47 credits	60 credits

*Course has prerequisite that can be completed concurrently as outlined in semester map. Please consult catalog for more information. Elective and general education choice courses are italicized.

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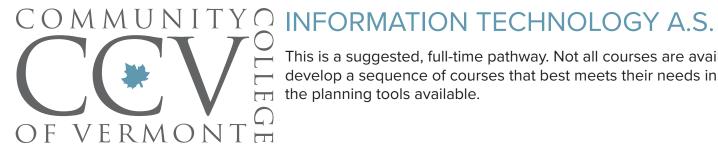
INFORMATION TECHNOLOGY A.S.

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SEMESTER MAP: NETWORKING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	*Social Science*	CIS-2230 System Administration*	*Humanistic Perspectives*
	Mathematics	*Arts & Aesthetics*	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	*Elective*	CIS-2235 Advanced System Administration*
	CIS-2150 Introduction to Linux	*Natural Science*	*Elective*	
Semester Credits	15 credits	16 credits	16 credits	13 credits
Cumulative Credits	15 credits	31 credits	47 credits	60 credits

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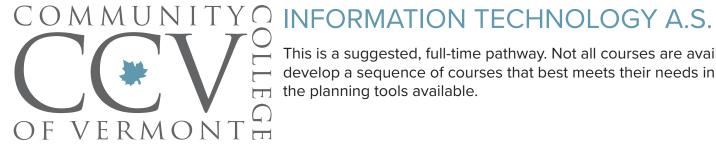
INFORMATION TECHNOLOGY A.S.

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SEMESTER MAP: PROGRAMMING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	*Social Science*	CIS-2230 System Administration*	*Humanistic Perspectives*
	Mathematics	*Arts & Aesthetics*	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	*Elective*	CIS-2032 C/C++ Programming II or CIS-2262 Introduction to Java II* or CIS-2212 Python Programming II
	CIS-2031 C/C++ Programming I or CIS-2261 Introduction to Java I or CIS-2210 Python Programming	*Natural Science*	*Elective*	*Elective*
Semester Credits	15-16 credits	16 credits	16 credits	12-13 credits
Cumulative Credits	15-16 credits	31-32 credits	47-48 credits	60 credits

*Course has prerequisite that can be completed concurrently as outlined in semester map. Please consult catalog for more information. Elective and general education choice courses are italicized.

INFORMATION TECHNOLOGY A.S.

This is a suggested, full-time pathway. Not all courses are available in each semester. Students will develop a sequence of courses that best meets their needs in consultation with advisors and using the planning tools available.

SEMESTER MAP: WEB DEVELOPMENT FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	*Social Science*	CIS-2230 System Administration*	*Humanistic Perspectives*
	Mathematics	*Arts & Aesthetics*	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	*Elective*	CIS-1152 Advanced Web Development*
	CIS-1151 Web Development	*Natural Science*	*Elective*	*Elective*
Semester Credits	15 credits	16 credits	16 credits	13 credits
Cumulative Credits	15 credits	31 credits	47 credits	60 credits

*Course has prerequisite that can be completed concurrently as outlined in semester map. Please consult catalog for more information. Elective and general education choice courses are italicized.