

Mohawk Valley Community College Computer Science: Cybersecurity					SUNY Polytechnic Institute Network Computer Security				
Course #	Course Title	SUNY Gen Ed		Credits Granted	Course #	Equivalent Course Title	SUNY Gen Ed		Credits Accepted
CF 100	College Foundations Seminar			1	FYS 101	First Year Seminar			1
CI104	Introduction to Cybersecurity	X		3	NCS 181	Intro to Cybersecurity	X		3
EN101	English 1: Composition	X		3	ENG 101	Freshman Composition	X		3
HI101	History of Civilization 1	X		3		OCV/WCV Gen Ed	X		3
SO101	Introduction to Sociology	X		3	SOC 100	Introduction to Sociology	X		3
MA 131	Mathematics Elective (See "A" below)	X		4	MAT 001	Math Elective	X		4
	Physical Education			.5	REC 000	Recreation Elective			.5
CI112	Networking Fundamentals			3	NCS 315	Networking & Info System			3
MA 140	Mathematics Elective	X		4	MAT 001	Math Elective	X		4
EN102	English 2: Ideas & Values in Literature	X		3	ENG 110	Introduction to Literature	X		3
IS120	Computer Operating Systems & Environments			3	CSC 000	Computer Science Elective			3
CI 110	Principles of Programming			3	CSC 317	Computer Systems & Computer Programming			3
	Physical Education			.5	REC 000	Recreation Elective			.5
CI 130	Programming in C++			3	CS 108	Computing Fundamentals			3
CI142	Computer Forensics			3	CSC 000	Computer Science Elective			3
CI 132	Unix Operating Systems & Security			3	NCS 205	Introduction to Linux			3
	Core GE Natural Science Elective (See "B" below)	X		4	NSC 001	Natural Science Elective	X		4
	Physical Education			.5	REC 000	Recreation Elective			.5
MA 110	Elementary Statistics	X		3	STA 100	Statistical Methods	X		3
CI212	Internet Security			3	ELEC 000	Unrestricted Elective			3
CI232	Security Policies			3	NCS 330	IA Ethics, Policies & Disaster Recover			3
	Natural Science Elective (See "B" below)	X		4	NSC 001	Natural Science Elective	X		4
	Program Elective (See "C" below)			3	ELEC 000	Unrestricted Elective			3
	Physical Education			.5	REC 000	Recreation Elective			.5
					NCS 210	Network Transmission Technology			4
					CS 220	Computer Organization			4
					CS 240	Data Structures and Algorithms			4
						General Elective			4
					NCS 320	information Assurance Fundamentals			4
					IS 320	Systems Analysis and Design			4
					COM 3XX	Upper Division Writing			4
						General Elective			4
					NCS 350	Wireless Systems and Security			4
					NCS XXX	NCS Advanced Elective			4
					NCS XXX	NCS Advanced Elective			4
						General Elective			4
					NCS 495	Senior Project			2
					NCS XXX	NCS Advanced Elective			4
						General Elective			4
						General Elective			2

Total Credits Eligible for Transfer	64
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Total Transfer Credits Applied to Program	64
Total Credits Required after Transfer	60
Total Credits Required for Degree	124

- A.) Mathematics Elective (choose two courses from the following): MA 115, MA 125, MA 150, MA 151, or MA 152
- B.) Core GE Natural Sciences (choose one sequence) CH 141 & CH 142 OR PH 151 & PH 152
- C.) Program Elective (Choose one): CJ 101 or CI 245