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			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