Mohawk Valley Community College Computer Science					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 Foundation Seminar		1		FYS 101	First Year Seminar		1	
CI110	Principles of Programming		3		CSC 317	Computer Systems & C Programming		3	
CI130	Programming in C++		3		CS 108	Computing Fundamentals		3	
EN101	English 1: Composition	Х	3		ENG 101	Freshman Composition	Х	3	
MA151	Calculus 1	Х	4		MAT 152	Calculus I	Х	4	
HI 101	History of Western Civ I	X	3		SOS 001	General Ed – Other Wold Civ & Western Civ	Х	3	
	Physical Education		.5		REC 000	Recreation Elective		.5	
CI230	Data Structures		3		CS 240	Data Structures		3	
EN102	English 2:Ideas & Values in Literature	Х	3		ENG 110	Introduction to Literature	Х	3	
MA152	Calculus 2	Х	4		MAT 152	Calculus II	Х	4	
PH115	Science of Multimedia		4		NSC 001	Natural Science Elective see notes		4	
SO 101	Introduction to Sociology	Х	3		SOS 001	General Ed – Social Science	Х	3	
	Physical Education		.5		REC 000	Recreation Elective		.5	
	Physics Elective (See "C" below)	X	4		NSC 001	Natural Science Elective see notes	Х	4	
CI245	JAVA Programming		3		CS 249	Object Oriented Programming		3	
CI285	Systems Operations & Management		3		CSC 000	Computer Science Elective		3	
MA275	Discrete Algebraic Structures	X	4		MAT 115	Finite Math for Computer Science	Х	4	
	Physical Education		.5	1	REC 000	Recreation Elective		.5	
CI260	Microcomputer Programming		3	1 1	CS 220	Computer Organization		3	
CI271	Database Design & Implementation	- 	3	+	IS 325	Database Management Systems		3	
OIZ7 I	Physics Elective (See "C" below)	Х	4	+	NSC 001	Natural Science Elective	X	4	
	Elective (See "D" below)	X	3	+	Gen Ed	General Education	X	3	
	Physical Education		.5	+	REC 000	Recreation Elective	^	.5	
	1 Hysical Education		.0	+	NEO 000	Necreation Elective		.0	
					NCS 181	Introduction to Cybersecurity		4	
					NCS 205	Introduction to Linux		4	
					NCS 210	Telecommunications Transmission Technology		4	
					Gen Ed	General Education		4	
				+	OCH Ed	Certoral Education		7	
					NCS 315	Networking of Information Systems		4	
					NCS 320	Information Assurance Fundamentals		4	
		- 		+	COM 3XX	Upper Division Writing		4	
					COM 200	Principles of Speech Communication and Public Speaking		4	
				$igspace \mathbb{I}$	NCC 2E2	Wireless Customs and Committee		4	
				+	NSC 350	Wireless Systems and Security		4	
				╁	NCS XXX NCS XXX	NCS Advance Elective NCS Advance Elective		4	
				+			+	4 4	
				+	Gen Ed	General Education	+ +	4	
					NCS 330	Information Assurance Ethics, Policies and Disaster Recovery		4	
					NCS XXX	NCS Advance Elective		4	
					NCS 495	Network and Computer Security Capstone		2	
					IS 320	Systems Analysis and Design		4	
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		Total Credits Eligible for Tra	ansfer 63	┰		T-1-I T-	ansfer Credits Applied to F	Program 62	

Total Credits Required after Transfer	62
Total Credits Required for Degree	124

- A.) GE Social Science (choose one): AN 101, BM 101, GE 101, PS 101, PY 101, or SO 101
- B.) Students must complete 2 courses from History/Civilization/The Arts: Choose two courses from the following different options:
 - a.) HI 111 or HI 112
 - b.) HI 101, HI 102, HI 103, HI 104, HU 204, HU 205, HU 290 or HU 295
 - c.) AN 102, GE 101, HU 227, HU 228 or SO 207
 - d.) EN 197, GC 244, HU 183, HU 184, HU 187, HU 188, HU 210, HU 292 or PT 205
- C.) Physics Elective (choose one sequence): PH 151 & PH 152 or PH 261 & PH 262
- D.) Elective: Students must choose two courses from the following four categories:
 - 1. American History HI111, HI 112
 - 2. Western Civilization
 - 3. Other World Civilization
 - 4. Arts