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	X	4	MAT 152	Calculus I	X	4	
HI 101	History of Western Civ I	X	3	SOS 001	General Ed – Other Wold Civ & Western Civ	X	3	
	Physical Education	~ ~ ~	.5	REC 000	Recreation Elective	X	.5	
			.0					
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	
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MA152	Calculus 2	Х	4	MAT 152	Calculus II	X	4	
PH115	Science of Multimedia		4	NSC 001	Natural Science Elective see notes		4	
SO 101	Introduction to Sociology	X	3	SOS 001	General Ed – Social Science	Х	3	
<b> </b>	Physical Education		.5	REC 000	Recreation Elective		.5	
	Physics Elective (See "C" below)	Х	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	Х	4	MAT 115	Finite Math for Computer Science	Х	4	
	Physical Education		.5	REC 000	Recreation Elective		.5	
CI260	Microcomputer Programming		3	CS 220	Computer Organization		3	
Cl271	Database Design & Implementation		3	IS 325	Database Management Systems		3	
	Physics Elective ( See "C" below)	Х	4	NSC 001	Natural Science Elective	Х	4	
	Elective (See "D" below)	Х	3	Gen Ed	General Education	Х	3	
	Physical Education		.5	REC 000	Recreation Elective		.5	
				NCS 181	Introduction to Cybersecurity		4	
				NCS 205	Introduction to Linux		4	
				NCS 210	Telecommunications Transmission Technology		4	
				Gen Ed	General Education		4	
				Cented	General Education			
				NCS 315	Networking of Information Systems		4	
				NCS 320	Information Assurance Fundamentals		4	
				COM 3XX	Upper Division Writing		4	
					Principles of Speech Communication and Public			
				COM 200	Speaking		4	
				NSC 350	Wireless Systems and Security		4	
				NCS XXX	NCS Advance Elective	1 1	4	
				NCS XXX	NCS Advance Elective		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	insfer 63			ansfer Credits Applied to Pro	gram 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