	Herkimer Community College A.S. – Cybersecurity and Digital Forensics			SUNY Canton BS– Cybersecurity (2698)		
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
1				CITA 152	Computer Logic	3
	CJ 241	Understanding and Management Cybercrime	3	CYBR 165	Survey of Cybersecurity	3
	EN 111	College Writing	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
		Math Selective (GER 1)	3-4	MATH___	Math Elective[1] (GER 1)	3-4
		History Selective (GER 4)	3		Liberal Arts Elective (GER 4)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
2				CITA 170/175	Computer Concepts and Operating Systems and Lab	3 1
				CITA 171	Operating Systems Use & Administration	3
	MA 127	Mathematical Statistics I	3	MATH 141	Statistics (GER 1)	3
		Science Elective (GER 2)	3-4		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3
	EN 112	College Literature	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
3				CITA 180	Intro to Programming	4
				CITA 215	Database Concepts & Applications	3
				CITA 220/221	Data Communications & Network Tech & Lab	3 1
	SS 151	Intro Psychology	3		Liberal Arts Elective (GER 3)	3
		English/Foreign Language/Humanities Elective (GER 7 or 9)	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
4				CITA 204	Systems Analysis & Design (WI)**	3
	CJ 243	Introduction to Information Security	3	CITA/CYBR 250	Information Security	3
	SS 225	Terrorism & Homeland Security	3		Liberal Arts Elective (ANY GER)	3
		English/Foreign Language/Humanities Elective (GER 7 or 9)	3		Liberal Arts Elective (ANY GER)	3
	SS 136	Criminology	3		Liberal Arts Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
5				MATH 351	Discrete Mathematics (LA)	3
	CJ 273	Network Defense and Countermeasures	3		Network Security Elective[3]	3
	CJ 261	Computer Forensics and Invest	3		Data Security Elective[4]	3
	SC 150	Forensic Science I	4		General Elective	3
	CJ 244	Cyber Intelligence and Counterintelligence	3		Liberal Arts Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
6				CITA 352	Ethical Hacking and Penetration Testing	3
					Network Security Elective[3]	3
					Data Security Elective[4]	3
	CJ 120	Intro to Criminal Justice	3		Liberal Arts Elective	3
	CJ 124	Criminal Procedure Law	3		General Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
7				CITA 450	Cybersecurity Body of Knowledge	3
					U/L Liberal Arts Elective	3
					U/L Liberal Arts Elective	3
					U/L Program Elective	3
					Liberal Arts Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
8					U/L General Elective	3
					U/L Liberal Arts Elective	3
					U/L Liberal Arts Elective	3
				CYBR 485	Cybersecurity Practice **OR**	6
					U/L Program Elective	3
					U/L Program Elective	3
	Accepted Transfer Credit Total		**58-60**	**SUNY Program Credit Total**		**123-124**

Transfer credits for <u>Herkimer</u> Community College program requirements will be accepted as follows, however do not serve to fulfill requirements of SUNY Canton's <u>Cybersecurity</u> program:

Herkimer Community College			SUNY Canton		
Course #	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
FS 100	First Year Seminar	1	FYEP 101	First Year Experience	1
CJ 262	Advanced Computer Forensics and Investigations	3	CYBR 299	L/L Cybersecurity Elective	3

Program Electives

CYBR, CITA, JUST

Additional Notes
L/L = Lower Level Courses (100/200)
U/L = Upper Level Courses (300/400)
GER = General Education Requirement

[1]Minimum mathematics requirement is MATH 121 – College Algebra
[3]Network Security Elective – CYBR 354, CYBR 356, CIA 440/441
[4]Data Security Elective – CITA 360, CITA/JUST 365, CYBR 455

All CITA courses presented for graduation must have a grade of C (or better) or transfer credit.
No more than three CITA credits with a course number below CITA 150 may be used for credit towards graduation.
All graduates must have a minimum of 45 U/L credits and a minimum of 60 Liberal Arts and Sciences credits.

Seven of ten SUNY General Education Requirement academic areas (including mathematics and basic communication) and 30 credits of SUNY General Education courses must be completed within the first two years of full-time study of the program. The list of areas is 1. Mathematics; 2. Natural Sciences; 3. Social Sciences; 4. American History; 5. Western Civilization; 6. Other World Civilization; 7. Humanities, 8. Arts; 9. Foreign Language; 10. Basic Communication

STUDENT ELIGIBILITY: Graduates of <u>Associate of Science – Accounting</u> program at <u>Herkimer Community College</u> must possess a **minimum cumulative grade point average of <u>2.0 on a 4.0 scale</u>**. SUNY Canton **assures acceptance for Herkimer Community College students who have <u>a cumulative GPA of 3.0 or better</u>**. Students are encouraged to apply during their last semester at Herkimer Community College.

Program Contact
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Canton, New York 13617
Ericksone@canton.edu

APPROVALS

Herkimer Community College:

23 April 2020

_____
Cathleen McColgin, Ph.D.
President

_____
Date

4/23/20

_____
Michael Oriolo
Provost

_____
Date

April 7, 2020

_____
Robin Riecker, Ed.D.
Associate Dean of Academic Affairs

_____
Date

SUNY Canton:

04/27/2020

_____
Dr. Ken Erickson
Dean, School of Science, Health, and Criminal
Justice

_____
Date

04/23/2020

_____
Dr. Liz Brown
Director of the Center for CJ, Intelligence and Cybersecurity

_____
Date

REV November 2019