Appendix A - Transfer Course Equivalencies

SUNY **CANTON**

Effective dates: *February 1, 2021* through *January 31, 2024*

SUNY Orange Cyber   SUNY Canton Cyber

		SUNY Orange Community College AAS - Cyber Security				SUNY Canton BS- Cybersecurity (2698)	
Semester	Course #	Course Name	Cr	Course #	Course Name		Cr
1	CIT 115	Visual Basic (Restricted Elective)	3	CITA 152	Computer Logic		3
	CSS 223	Information Security	3	CYBR 165	Survey of Cybersecurity		3
	ENG 101	Freshman English 1	3	ENGL 101	Composition and the Spoken Word (GER 10)		3
	MAT 121	College Algebra	3	MATH___	Math Elective[1] (GER 1)		3-4
	ENG 102	Freshman English 2	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)		3
Semester	Course #	Course Name	Cr	Course #	Course Name		Cr
2	CIT 112	Computer Hardware & Software w/Lab	4	CITA 170	Computer Concepts and Operating Systems		3
				CITA 175	Computer Concepts & Operating Systems Lab		1
	CIT 217	Intro to Unix/Linux w/Lab	3	CITA 171	Operating Systems Use & Administration		3
				MATH 141	Statistics (GER 1)		3
					Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)		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
	CIT 116	Networking 1 w/Lab	4	CITA 220	Data Communications & Network Tech		3
				CITA 221	Data Communications & Network Tech Lab		1
		Psychology Elective	3	PSYC 101	Liberal Arts Elective (GER 3)		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
	CSS 224	Network Perimeter Security	3	CITA/CYBR 250	Information Security		3
	MAT 122	College Trigonometry	3		Liberal Arts Elective (ANY GER)		3
					Liberal Arts Elective (ANY GER)		3
	CRJ 101	Intro to Criminal Justice	3		Liberal Arts Elective		3
Semester	Course #	Course Name	Cr	Course #	Course Name		Cr
5				MATH 351	Discrete Mathematics (LA)		3
	CFR 222	Network Forensics	3	CYBR 354	Cybersecurity Defense and Countermeasures (Network Security Cluster)		3
	CFR 221	Computer Forensics	3	CITA/CYBR 365	Digital Forensic Analysis (Data Security Cluster)		3
	CIT 100	Computer Literacy	3		General Elective		3
	CRJ 111	Criminology	3	GELE 299	Liberal Arts Elective		3
Semester	Course #	Course Name	Cr	Course #	Course Name		Cr
6				CITA 352	Ethical Hacking and Penetration Testing		3
	CIT 203	Networking 2	4	CITA 440	Network Management (Network Security Cluster)		3
					Data Security Cluster		3
					Liberal Arts Elective		3
	CIT 105	Data Communications and Introduction to Networking	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	57		SUNY Program Credit Total		123-124

Transfer credit option available

REV JUNE 2020

Program Electives-CYBR, CITA, JUST
Seven of ten SUNY GER academic areas (including mathematics and basic communication) and 30 credits of
 SUNY GER courses must be completed within the first two years of full-time study of the program.
Network Cluster-CYBR 354, CYBR 356, CITA 440/441
Data Security Cluster-CYBR 360, CYBR/JUST 365, CYBR 455
1 Minimum mathematics requirement is MATH 121 College Algebra.
2 Fulfills writing intensive requirement.

ADDITIONAL GRADUATION REQUIREMENTS

Each required CYBR/CITA course used to meet graduation requirements must have a grade of C or higher or transfer credit. No more than 3 CITA credits with a course number below CITA 150 may be used for credit towards graduation.

STUDENT ELIGIBILITY: Graduates of <u>Associate of Science – Accounting</u> program at <u>SUNY Orange 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 SUNY Orange 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 SUNY Orange Community College.

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

APPROVALS

<u>*SUNY Orange Community College:*</u>

_____
Dr. Erika Hackman
Vice President for Academic Affairs

9/29/21
_____
Date

_____
Bruce Roman
Chairperson, Department of Computer Science
and Technology

4/20/2021
_____
Date

<u>*SUNY Canton:*</u>

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

04/14/2021
_____
Date

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

04/04/2021
_____
Date