



Appendix A - Transfer Course Equivalencies

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

SUNY Orange Comp Sci

SUNY Canton Cyber

SUNY Orange Community College				SUNY Canton			
A.S. - Computer Science				BS - Cybersecurity (2698)			
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr	
1	CSC 138	Scripting	3	CITA 152	Computer Logic	3	
				CYBR 165	Survey of Cybersecurity	3	
	ENG 101	Freshman English 1	3	ENGL 101	Composition and the Spoken Word (GER 10)	3	
	MAT 205	Calculus 1	4	MATH	Math Elective ¹ (GER 1)	3-4	
2	ENG 102	Freshman English 2	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3	
	CSC 204	Computer Organization & Assembly	3	CITA 170	Computer Concepts and Operating Systems	3	
	CSC 201	Data Structures	3	CITA 175	Computer Concepts & Operating Systems Lab	1	
				CITA 171	Operating Systems Use & Administration	3	
3	MAT 120	Introduction to Statistics	3	MATH 141	Statistics (GER 1)	3	
	HIS	Restricted History Elective	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3	
	PHY 105	General Physics 1 w/calculus	4		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3	
	CSC 102	Computer Science 1	4				
4				CITA 180	Intro to Programming	4	
				CITA 215	Database Concepts & Applications	3	
	CSC 201	Data Structures	3	CITA 220	Data Communications & Network Tech	3	
		SUNY Social Science (GE 3)	3	CITA 221	Data Communications & Network Tech Lab	1	
5		Restricted SUNY Elective	3		Liberal Arts Elective (GER 3)	3	
					Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3	
				CITA 204	Systems Analysis & Design (WI)**	3	
				CITA/CYBR 250	Information Security	3	
6	COM 101	Foundations of Communication	3		Liberal Arts Elective (ANY GER)	3	
	MAT 206	Calculus 2	4		Liberal Arts Elective (ANY GER)	3	
	MAT 211	Linear Algebra	3		Liberal Arts Elective	3	
7	MAT 136	Discrete Mathematics	3	MATH 351	Discrete Mathematics (LA)	3	
					Network Security Cluster	3	
				CITA/CYBR 365	Digital Forensic Analysis (Data Security Cluster)	3	
	EET 104	Digital Electronics 1	4		General Elective	3	
8	PHY 106	General Physics 2 w/calculus	4		Liberal Arts Elective	3	
				CITA 352	Ethical Hacking and Penetration Testing	3	
					Network Security Cluster	3	
					Data Security Cluster	3	
9	CSC 102	Computer Science 2	4		Liberal Arts Elective	3	
					General Elective	3	
				CITA 450	Cybersecurity Body of Knowledge	3	
					U/L Liberal Arts Elective	3	
10					U/L Liberal Arts Elective	3	
					U/L Program Elective	3	
					Liberal Arts Elective	3	
11					U/L General Elective	3	
					U/L Liberal Arts Elective	3	
					U/L Liberal Arts Elective	3	
				CYBR 485	Cybersecurity Practice OR	6	
12					U/L Program Elective	3	
					U/L Program Elective	3	
Accepted Transfer Credit Total			64	SUNY Program Credit Total			123
							124

Transfer credit option available

REV JUNE 2020



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

Program Contact

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

SUNY Canton

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Canton, New York 13617

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Appendix A - Transfer Course Equivalencies

APPROVALS

SUNY Orange Community College:

Dr. Erika Hackman
Vice President for Academic Affairs

Date

9/29/21

Bruce Roman
Chairperson, Department of Computer Science
and Technology

Date

4/20/2021

SUNY Canton:

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

04/14/2021

Date