



# Appendix A - Transfer Course Equivalencies

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

SUNY Orange Networking

SUNY Canton Cyber

SUNY Orange Community College				SUNY Canton		
A.A.S. - Computer Information Technology - Networking				BS - Cybersecurity (2698)		
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
1	CSC 138	Scripting	3	CITA 152	Computer Logic	3
	CIT 103	Management Information Systems	3	CYBR 165	Survey of Cybersecurity	3
	ENG 101	Freshman English 1	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
	MAT	College Algebra or higher	3	MATH	Math Elective <sup>1</sup> (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
	CIT 117	Intro to Unix/Linux w/Lab	3	CITA 175	Computer Concepts & Operating Systems Lab	1
				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
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
3	CSC 101	Computer Science 1	4	CITA 180	Intro to Programming	4
	CIT 225	Database Fundamentals	3	CITA 215	Database Concepts & Applications	3
	CIT 116	Networking 1 w/Lab	4	CITA 220	Data Communications & Network Tech	3
		Social Science Elective	3	CITA 221	Data Communications & Network Tech Lab	1
					Liberal Arts Elective (GER 3)	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
4	CIT 218	Systems Analysis and Design	3	CITA 204	Systems Analysis & Design (WI)**	3
	CIT 206	Network Security	3	CITA/CYBR 250	Information Security	3
	MAT	College Trigonometry or higher	3		Liberal Arts Elective (ANY GER)	3
		Social Science Elective	3		Liberal Arts Elective (ANY GER)	3
					Liberal Arts Elective	3
Semester	Course #	Course Name	Cr	Course #	Course Name	Cr
5				MATH 351	Discrete Mathematics (LA)	3
	CIT 228	System Administration	3	CITA 440	Network Management (Network Security Cluster)	3
					Data Security Cluster	3
	CIT 105	Data Communic. & Networking	3		General Elective	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 Cluster	3
					Data Security Cluster	3
					Liberal Arts Elective	3
	CIT 203	Networking 2	4		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	SUNY Program Credit Total		123-124

Transfer credit option available

REV JUNE 2020



## Appendix A - Transfer Course Equivalencies

### *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

34 Cornell Drive, CH125

Canton, New York 13617

[Ericksone@canton.edu](mailto:Ericksone@canton.edu)



## Appendix A - Transfer Course Equivalencies

### APPROVALS

SUNY Orange Community College:

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

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