



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				TBS - 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 ¹ (GER 1)	3-4
	ENG 102	Freshman English 2	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3
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
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
4	CIT 218	Systems Analysis and Design	3		Liberal Arts Elective (GER 2, 4, 5, 6, 7, 8, 9)	3
	CIT 206	Network Security	3	CITA 204	Systems Analysis & Design (WI)**	3
	MAT	College Trigonometry or higher	3	CITA/CYBR 250	Information Security	3
		Social Science Elective	3		Liberal Arts Elective (ANY GER)	3
					Liberal Arts Elective (ANY GER)	3
5					Liberal Arts Elective	3
	CIT 228	System Administration	3	MATH 351	Discrete Mathematics (LA)	3
				CITA 440	Network Management (Network Security Cluster)	3
	CIT 105	Data Communic. & Networking	3		Data Security Cluster	3
					General Elective	3
6					Liberal Arts Elective	3
				CITA 352	Ethical Hacking and Penetration Testing	3
					Network Security Cluster	3
					Data Security Cluster	3
	CIT 203	Networking 2	4		Liberal Arts Elective	3
7					General Elective	3
				CITA 450	Cybersecurity Body of Knowledge	3
					U/L Liberal Arts Elective	3
					U/L Liberal Arts Elective	3
					U/L Program Elective	3
8					Liberal Arts Elective	3
					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



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

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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