

SUNY CANTON: CYBERSECURITY (2698)
CURRICULUM CHECK SHEET - FALL 2023

1 st Semester - Fall			Term	Grade	Students need to pass a total of 30 GER credits with a course in at least 7 of the 10 categories (four categories are required-BOLDED BELOW)
CITA/CYBR 152	Computer Logic	3			
CYBR 165	Survey of Cybersecurity	3			
ENGL 101	Composition and the Spoken Word (GER 1/2)	3			
MATH	Math Elective ¹ (GER 4)	3-4			
	Natural Science Elective (GER 5)	3			
2 nd Semester - Spring					
CITA/CYBR 170	Computer Concepts & OS	3			
CITA/CYBR 171	OS Use & Administration	3			
MATH 141	Statistics (GER 4)	3			
	Liberal Arts Elective (GER 3)	3			
	Liberal Arts Elective (GER 6,8,9,10,11)	3			
3 rd Semester - Fall					
CITA/CYBR 180	Intro to Programming	4			
CITA/CYBR 215	Database Apps & Concepts	3			
CITA/CYBR 220	Data Com & Network Tech	3			
	Liberal Arts Elective (GER 7)	3			
	Liberal Arts Elective (GER 6,8,9,10,11)	3			
4 th Semester - Spring					
CITA/CYBR 204	Systems Analysis & Design (WI)**	3			
CITA/CYBR 250	Information Security	3			
	Program Elective*	3			
	Liberal Arts Elective (Any GER)	3			
	Liberal Arts Elective (Any GER)	3			
	Liberal Arts Elective	3			
5 th Semester - Fall					
MATH 351	Discrete Mathematics	3			
	Network Security Elective ³	3			
	Data Security Elective ⁴	3			
	Liberal Arts Elective	3			
	General Elective	3			
6 th Semester - Spring					
CITA/CYBR 352	Ethical Hacking & Penetration Testing	3			
	Network Security Elective ³	3			
	Data Security Elective ⁴	3			
	Liberal Arts Elective	3			
	General Elective	3			
7 th Semester - Fall					
CYBR 450	Cybersecurity Body of Knowledge	3			
	Liberal Arts Elective	3			
	UL Liberal Arts Elective	3			
	UL Liberal Arts Elective	3			
	UL Liberal Arts Elective	3			
8 th Semester - Spring					
	UL General Elective	3			
	UL Liberal Arts Elective	3			
	UL Liberal Arts Elective	3			
CYBR 485	Cybersecurity Practice OR	6			
	UL Program Elective ²	3			
	UL Program Elective ²	3			
TOTAL CREDITS (124-125)					**(WI) writing intensive course Revised Fall 23

¹ MATH 121 or higher

² Program Elective – CYBR, CITA, JUST, DATA

³ Network Security Elective – CYBR 354, CYBR 356, CITA/CYBR 440

⁴ Data Security Elective – CITA/CYBR 360, CITA/CYBR/JUST 365, CYBR/CITA 455

* Program Elective - CYBR, CITA, JUST, students may have the option to replace the program elective with CITA 175, CITA 221, and/or CITA 441. Consult your faculty advisor.

STUDENT _____