Appendix A - Transfer Course Equivalencies

Effective dates: _November 1, 2021_ through _October 31, 2024_

	Hillsborough CC – AS Cybersecurity			SUNY Canton – B.S. Cybersecurity		
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
1	COP 1000	Programming Logic	3	CITA 152	Computer Logic	3
	CNT 1401	Introduction to Network Security	3	CYBR 165	Survey of Cybersecurity	3
	ENC 1101	English Composition I	3	ENGL 101	Composition and the Spoken Word (GER 10)	3
		Mathematics	3	MATH	Math Elective [1] (GER 1)	3
		Humanities Elective	3		Liberal Arts Elective (GER 2,4,5,6,7,8,9)	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
2				CITA 170 / CITA 175 *	Computer Concepts & OS Computer Concepts & OS Lab *	3 / 1*
	CTS 1305	Introduction to Networking	3	CITA 171	OS 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	COP 2830	Scripting for the Web	3	CITA 180	Intro to Programming	4
	COP 2836	Database Driven Web Programming	3	CITA 215	Database Apps & Concepts	3
	CTS 1106	Introduction to Unix	3	CITA 220 / CITA 221*	Data Com & Network Tech / Data Com & Network Tech Lab*	3 / 1*
		Social Science Elective	3		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
	CIS 2353	Security Management	3	CITA/CYBR 250	Information Security	3
		English Composition / SS Elective	3		Liberal Arts Elective (Any GER)	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	3
					Network Security Elective[3]	3
					Data Security Elective[4]	3
					Liberal Arts Elective	3
	CGS 1000	Introduction to Computers & Technology	3	CITA 110	General Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
6	CIS 2359C	Information Assurance Network Systems	3	CITA 352	Ethical Hacking & Penetration Testing	3
					Network Security Elective[3]	3
					Data Security Elective[4]	3
					Liberal Arts Elective	3
	CGS 2820	Web Authoring HTML	3	CITA 299	General Elective	3
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
7				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
Semester	**Course #**	**Course Name**	**Cr**	**Course #**	**Course Name**	**Cr**
8					UL General Elective	3
					UL Liberal Arts Elective	3
					UL Liberal Arts Elective	3
	CIS 2598	Cybersecurity Capstone	3	CYBR 485	Cybersecurity Practice **OR**	3-6
	CGS 2091	Info Tech: Ethical & Legal Issues	3	CYBR 368	UL Program Elective[2]	3
					UL Program Elective[2]	3
		Program Credit Total	**51**		**Program Credit Total**	**123**

[1] MATH 121 or higher
[2] Program Elective – CYBR, CITA, JUST
[3] Network Security Elective – CYBR 354, CYBR 356, CITA 440/441*
[4] Data Security Elective – CYBR 360, CYBR/JUST 365, CYBR 455
* Students may have the option to replace CITA 175, CITA 221, and/or CITA 441 with a program elective. Consult your faculty advisor.
** (WI) writing intensive course

Program Contact

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APPROVALS

Hillsborough Community College:

_____
Barry Hubbard, PhD
Dean, Associate in Science Degree Programs
HCC Dale Mabry Campus

11/09/2021
_____
Date

_____
Dr. Brian Mann
Associate Vice-President
HCC Dale Mabry Campus

11/09/21
_____
Date

_____
Dr. Richard Senker
Vice-President of Academic Affairs
Hillsborough Community College

11/9/2021
_____
Date

SUNY Canton:

_____
Dr. Michelle Currier
Dean, School of Science, Health, and Criminal
Justice

11/5/2021
_____
Date

_____
Dr. Elizabeth Brown
Director, Center for CJ, Intelligence &
Cybersecurity

11/04/2021
_____
Date