



## Degree Plan/Pathway

### Associate of Applied Business in Information Technology-Cybersecurity to Bachelor of Science in Cybersecurity Technology

2023-2024 Catalog

#### Suggested Transfer Pathway at Tri-C

Summer Start		Credits
IT-1025	Info Technology Concepts for Programmers	3
MATH-1470 or Higher	Modern Mathematics for Business & Social Science I or OT36 Math	3-4
ENG-1010/101H	College Composition I/Honors	3
		9-10

1st Semester			2nd Semester		
	Credits			Credits	
BADM-1020	Introduction to Business	3	ITNT-2320	Networking Administration I	3
IT-1050	Programming Logic	3	BADM-1070	Introduction to Project Management	3
IT-2740	Fund. of Client Operating Systems & Hardware for Cybersecurity	4	ITNT-2370	Network Security Fundamentals	3
ITNT-2300	Networking Fundamentals	3	ITNT-2380	Linux Administration	3
COMM-1010/101H	Fundamentals of Speech Communication/Honors	3			
		16			12
3rd Semester			4th Semester		
	Credits			Credits	
EET-1303	Cisco I	3	BADM-1050	Professional Success Strategies	3
EET-2303	Cisco II	3	IT-2710	Advanced Topics in Network Security	3
IT-2750	Scripting Fundamentals for Cybersecurity	3	IT-2720	Ethical Hacking and Systems Defense	3
Science	<a href="#">OT36 Natural Science course w/out Lab</a>	3	PHIL-2020/202H	Ethics/Honors	3
BADM-2010/201H	Business Communications/Honors	3			
		15			12

Associate of Science Degree Awarded

Total Hours: 64-65

#### Suggested Degree Plan at University of Maryland Global Campus

5th Semester			6th Semester		
	Credits			Credits	
PACE 111T	Program and Career	3	CMT 202	Fund. of Computer Troubleshooting	3
WRG 112*	Academic Writing II	3	ECON 103*	Economics in the Information Age	3
BIOL 103	Introduction to Biology	4	ARTH 334	Understanding Movies	3
BEHS 103	Tech in Contemporary Society	3	CMIT 326	Cloud Technologies	3
			WRG 393	Advanced Technical Writing	3
		13			15
7th Semester			8th Semester		
	Credits			Credits	
CMIT 421	Threat Management and Vulnerability Assessment	3	Elective	Upper Level	3
Elective	Upper Level	3	CCJS 321	Digital Forensics in Criminal Justice System	3
Elective	Upper Level	3	Elective	Upper Level	2-3
CMIT 386	Penetration Testing & Cyber Red Teaming	3	CMIT 495	Current Trends & Projects in Computer Networks and Cybersecurity	3
Elective	Upper Level	3	CMIT Elective	Upper Level	3
		15			14-15

Bachelor of Science Degree Awarded

Total Hours: 57-58



## Degree Plan/Pathway

### Associate of Applied Business in Information Technology-Cybersecurity to Bachelor of Science in Cybersecurity Technology

**\*The following courses can be taken at Tri-C and transferred in to UMGC to satisfy the equivalent course at UMGC: ENG 1020/102H and ECON 1210** Courses taken after completion of an associate degree may not be eligible for financial aid, please see a Counselor or Financial Aid Office for details.

*New college students may be required during their first semester to participate in GEN 1070, First Year Success Seminar, a one credit hour course. See a Tri-C Counselor for details.*

This Transfer Pathway represents one example of how to complete an associate and bachelor degree. Students should work closely with advisors at both institutions to discuss options. A UMGC advisor can assist students with developing a graduation plan for full- or part-time study.

**\*Course sequence may change based on the individual needs of the student and schedule type required.**

This program awards maximum credit for an associate degree from Cuyahoga Community College, streamlining completion of a bachelor's degree from UMGC. A maximum of 70 credits transfer to UMGC from Tri-C for completion of your associate degree, guaranteeing junior status.

**All students must complete:**

- A minimum of 120 semester credits (combined Tri-C and UMGC)
- Meet all residency requirements for UMGC, plus major and minor residency

***This information is provided by both institutions solely for convenience and expressly disclaims any liability which may otherwise be incurred. This is neither a contract nor an offer to make a contract. While every effort has been made to ensure the accuracy of the information, each institution reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided, or any other subject addressed herein.***

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