Degree Plan/Pathway
Associate of Applied Business in Information Technology-Networking Software to
Bachelor of Science in Cybersecurity Technology
2023-2024 Catalog
Suggested Transfer Pathway at Tri-C

Summer Start		Credits
EET-1015	Intro to Computer Maintenance and Repair	3
IT-1025	Info Technology Concepts for Programmers	3
IT-1090/109H	Computers Applications/Honors	3
		9

1st Semester		Credits		2nd Semester		Credits
EET-1035	Operating Systems and Software for PC Technicians	4		ITNT-2320	Networking Administration I	3
EET-1055	Computer Hardware Support	4		IT-2750	Scripting Fundamentals for Cybersecurity	3
IT-1050	Programming Logic	3		Arts & Humanities	OT35 Arts and Humanities course	3
ITNT-2300	Networking Fundamentals	3		ENG-1010/101H	College Composition I/Honors	3
		14				12
3rd Semester		**Credits**		**4th Semester**		**Credits**
BADM-1020	Intro to Business	3		BADM-1050	Professional Success Strategies	3
ITNT-2370	Network Security Fundamentals	3		ITNT-2990	Networking Capstone	3
ITNT-2380	Linux Administration	3		IT-2720	Ethical Hacking and Systems Defense	3
MATH-1470 or Higher	Modern Mathematics for Business & Social Science I or OT36 Math	3-4		Science	OT36 Natural and Physical course	3
COMM-1010/101H	Fundamentals of Speech Communication/Honors	3				
		15-16				12

Associate of Science Degree Awarded   **Total Hours: 62-63**

Suggested Degree Plan at University of Maryland Global Campus

5th Semester		Credits		6th Semester		Credits
PACE 111T	Program and Career	3		HIST 125	Technological Transformations	3
WRTG 112*	Academic Writing II	3		ECON 103*	Economics in the Information Age	3
BIOL 103	Introduction to Biology	4		CMIT 351	Switching, Routing, and Wireless Essentials	3
BEHS 103	Technology in Contemporary Society	3		CMIT 326	Cloud Technologies	3
				WRTG 393	Advanced Technical Writing	3
		13				15
7th Semester		**Credits**		**8th Semester**		**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	3
CMIT 386	Penetration Testing and Cyber Red Teaming	3		CMIT 495	Current Trends and Projects in Computer Networks and Cybersecurity	3
Elective	Upper Level	3		Elective	Upper Level	2-3
		15				14-15

Bachelor of Science Degree Awarded   **Total Hours: 57-58**

Degree Plan/Pathway
Associate of Applied Business in Information Technology-
Networking Software 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 of120 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.

Updated June 2023