FRANKLIN UNIVERSITY

**Associate of Applied Business - Cybersecurity
to Bachelor of Science in Cybersecurity**

Cuyahoga Community College

2023-2024 Catalog
Suggested Degree Plan at Tri-C*

Summer Start		Credits
ENG 1010/101H	College Composition I/Honors	3
IT 1025	Information Technology Concepts	3
MATH 1530	College Algebra	4
		10

First Semester		Credits
IT 1050	Programming Logic	3
BADM 1020	Introduction to Business	3
IT 2740	Fundamentals of Client Operating	4
ITNT 2300	Networking Fundamentals	3
COMM 1010/101H	Fundamentals of Speech Comm.	3
		16

Second Semester		Credits
ENG 1020/102H**	College Composition II	3
ITNT 2320	Network Administration I	3
ITNT 2370	Network Security Fundamentals	3
ITNT 2380	Linux Administration	3
		12

Third Semester		Credits
EET 1303	Cisco I	3
EET 2303	Cisco II	3
IT 2750	Scripting Fundamentals for Cyber.	3
Science	OTM Natural Science Elective	3
BADM 2010/201H	Business Communications/Honors	3
		15

Fourth Semester		Credits
Social Science **	OTM Social and Behavioral Science Elective	3
IT 2710	Advanced Topics in Network Security	3
PHIL 2020/202H	Ethics/Honors	3
IT 2760	Intro to Digital Forensics	3
		12

Associate of Applied Business Degree Awarded   Total hours: 65

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.

***These two courses (ENG 1020/102H and an OT36 Social and Behavioral Science Elective) can be substituted for the courses indicated in the Cybersecurity course sequence (BADM 1050 and 1070)- student must complete a substitution form obtained from the Associate Dean.**

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Suggested Sequence at Franklin – additional Tri-C Classes in yellow*

Fifth Semester		Credits
PF 321	Learning Strategies	2
MIS 200	Management Info Systems	4
IT 1115	Intro to Web Programming	3
IT 2351	Enterprise Database System	4
Arts and Humanities	Arts and Humanities Elective	3
		16

Sixth Semester		Credits
ISEC 300	Information Assurance	4
Social Science	Social Science Elective	3
IT 2670	/C++ Programming Language	4
Science Elective	Physical Science w/Lab	4
		15

Seventh Semester		Credits
MATH 1410	Elementary Probability and Statistics I	3
ITNT 2420	Network Administration II	3
ISEC 350	Security Risk Management	4
ITEC 205	Cloud Fundamentals	2
ITEC 205	Cloud Fundamentals	2
		14

Eighth Semester		Credits
WEBD 236	Web Information Systems Program.	4
ISEC 400	Software Development Security	4
ISEC 475	Security Engineering & Assessment	4
ISEC 495	Cyber Security Capstone	4
		16
Bachelor of Science Degree Awarded		Total hours: 126

This map represents one example of how to complete the AAB and BS. Students should work closely with advisors at both institutions to discuss options. Students should work with a Franklin advisor to identify a (minor or a second major/etc.). A Franklin advisor can also 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.

Program Benefits

This program awards maximum credit for an associate degree from Cuyahoga Community College, streamlining completion of a bachelor's degree from Franklin University. **Students are able to take additional courses at Tri-C (highlighted in yellow) to transfer to Franklin beyond their AAB, which allows them to save time and money.** (Tri-C courses taken after associate degree completion may not be eligible for financial aid, see Counseling Center or Financial Aid Office for details.) **A maximum of 94 credits transfers to Franklin from Tri-C.**

All students must complete:

- A minimum of 124 semester credits (combined Tri-C and Franklin)

- Meet all residency requirements (30 credits for Franklin University