

# INFORMATION TECHNOLOGY (CYBERSECURITY)

Certificate(s) may have additional courses that do not overlap with the degree. Please see Certificate program page for complete listing of required courses.

Code	Title	Credit Hours
IT-1025	Information Technology Concepts for Programmers	3
MATH-1190	Algebraic and Quantitative Reasoning (or higher Approved Ohio Transfer 36 Mathematics course)	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
BADM-1020	Introduction to Business	3
Select one of the following:		3
COMM-1010	Fundamentals of Speech Communication	
COMM-101H	Honors Speech Communication	
IT-1050	Programming Logic	3
ITNT-2300	Networking Fundamentals	3
IT-2740	Fundamentals of Client Operating Systems and Hardware for Cybersecurity	4
BADM-1070	Introduction to Project Management	3
ITNT-2320	Network Administration I	3
ITNT-2370	Network Security Fundamentals	3
ITNT-2380	Linux Administration	3
Select one of the following:		3
BADM-2010	Business Communications	
BADM-201H	Honors Business Communications	
EET-1303	Cisco I <sup>1</sup>	3
EET-2303	Cisco II <sup>1</sup>	3
IT-2750	Scripting Fundamentals for Cybersecurity	3
Natural Science (lecture)		3
BADM-1050	Professional Success Strategies	3
IT-2710	Advanced Topics in Network Security	3
Select one of the following:		3
PHIL-2020	Ethics	
PHIL-202H	Honors Ethics	
Select one of the following:		1-3
IT-2830	Cooperative Field Experience	
ITNT-2xxx	2000-level ITNT elective course	

<sup>1</sup> [MATH-1100 Mathematical Explorations or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet mathematics requirement for this program.](#)

<sup>2</sup> Consecutive Eight Week Course.

## ELECTIVES

Code	Title	Credit Hours
IT-2720	Ethical Hacking and Systems Defense	3
IT-2730	Intrusion Detection/Prevention Systems Fundamentals	3
IT-2760	Introduction to Digital Forensics	3

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

## Related Degrees and Certificates

- Information Technology - Cybersecurity, Associate of Applied Business
- Cybersecurity, Post-Degree Professional Certificate

## Degrees and Certificates

- Electrical/Electronic Engineering Technology with a Concentration in Computer Networking Hardware, Associate of Applied Science
- Information Technology - Networking Software Associate of Applied Business
- Information Technology - Cybersecurity, Post-Degree Professional Certificate

## Training and Credentials

- Cisco Technical Training Institute
- CompTIA Certified Computer Support Specialist