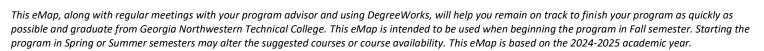
Cybersecurity (IS23) Associate of Applied Science eMap





1st set of suggested courses			
Course		Hours	Completed
COMP 1000	Introduction to Computer Literacy	3	
CIST 1001	Computer Concepts	4	
CIST 1122	Hardware Installation and Maintenance	4	
CIST 1601	Information Security Fundamentals	3	

2 nd set of suggested courses			
Course		Hours	Completed
CIST xxxx	CIST Elective (Recommended course: CIST 1135, Operating Systems and Virtual/ Cloud Computing)	4	
CIST 2451	Introduction to Networks – CISCO	4	
CIST 1602	Security Policies and Procedures	3	
CIST xxxx	CIST Networking Elective Course (Recommended course: CIST 2431, UNIX/ Linux Introduction)	4	

CIST 2451 is the recommended course. Additional courses may be available to meet that requirement. See Course Catalog for more info.

3 rd set of suggested courses			
Course		Hours	Completed
CIST 2601	Implementing Operating Systems Security (Prerequisites: CIST 1601)	4	
CIST xxxx	CIST Networking Elective Course (Recommended course: CIST 2452, Cisco Switching, Routing & Wireless Essentials; Prerequisite: CIST 2451)	4	
CIST 2612	Computer Forensics (Prerequisites: CIST 1122 and CIST 1601)	4	
ENGL 1101	Composition and Rhetoric	3	

Additional information for the Cybersecurity AAS Degree and program requirements can be found at GNTC 2024-2025 Catalog.

4 th set of suggested courses			
Course		Hours	Completed
XXXX xxxx	Humanities/ Fine Arts Elective	3	
CIST 2613	Ethical Hacking and Penetration Testing (Prerequisite: CIST 1601)	4	
CIST 2453	CIST Networking Elective Course (Recommended course: Enterprise Networking, Security, and Automation; Prerequisite: CIST 2452)	4	
CIST 2602	Network Security (Prerequisites: CIST 1601)	4	

5 th set of suggested courses			
Course		Hours	Completed
XXXX xxxx	Social/ Behavioral Sciences Elective	3	
CIST 2611	Network Defense and Countermeasures (Prerequisites: CIST 1601)	4	
XXXX xxxx	General Education Core Elective	3	
MATH 1111	College Algebra	3	

MATH 1111 is the recommended course. Additional courses may be available to meet that requirement. See Course Catalog for more info.

Total Credit Hours: 72 Minimum Credit Hours Required for Graduation

Cybersecurity AAS Degree Program Planning Notes:

- Courses for this program are available at the Catoosa County Campus and also available 100% online.
- ALL CIST programs require windows-based PC.
- Chromebooks and Mac and Linux based computers are not compatible with programs.
- All CIST courses are valid for a period of 5 years after completion.
- COMP 1000 is valid for a period of 5 years after completion.
- CIST 1510 and CIST 2531 require an Adobe Creative Cloud subscription.
- If courses are completed in the order as listed on this eMap, student will earn:
 - CompTIA A+ Certified Technician Preparation (CA71) Certificate, PC Repair and Network Technician (PR21) Certificate, and Cybersecurity Fundamentals (CW71) Certificate at the end of the 2nd set.
 - Computer Forensics and Security Specialist (CF51) Certificate and CISCO Network Specialist (CN71) Certificate at the end of the 4th set.
 - 3) Network Specialist (NS13) AAS Degree CISCO Specialization.