

Cybersecurity (IS81)

Certificate eMap

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This pathway is based on the 2026-2027 academic year.



1st set of suggested courses

Course	Hours	Completed
CIST 1601 Information Security Fundamentals	3	☐

2nd set of suggested courses

Course	Hours	Completed
CIST 2601 Implementing Operating Systems Security (Prerequisites: CIST 1601)	4	☐
CIST 2611 Network Defense and Countermeasures (Prerequisite: CIST 1601)	4	☐

CIST 2601 and CIST 2611 are offered in Spring semester only.

3rd set of suggested courses

Course	Hours	Completed
CIST 2602 Network Security (Prerequisites: CIST 1601)	4	☐
CIST 1602 Security Policies and Procedures	3	☐

4th set of suggested courses

Course	Hours	Completed
CIST 2612 Computer Forensics (Prerequisites: CIST 1122 and CIST 1601)	4	☐
CIST 2613 Ethical Hacking / Penetration Testing (Prerequisites: CIST 1601)	4	☐

CIST 2612 and CIST 2613 are offered in Fall semester only.

Total Credit Hours: 18 Minimum Credit Hours Required to Complete Certificate

Cybersecurity Fundamentals Certificate Program Planning Notes:

- Courses for this program are offered at the Catoosa County Campus.
- 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.
- *Course is a recommended prerequisite.
- The Program Advisor for IS81 is Rocky Spurlock, rspurlock@gntc.edu.

Additional information for the Cybersecurity Fundamentals Certificate and program requirements can be found at [GNTC 2026-2027 Catalog](#).