CIST Cybersecurity eMAP

START HERE Program of Study: CIST Cybersecurity Diploma

1st set of suggested courses

Area I

ENGL 1010 - Fundamentals of English I (3 credit hours)

Area III

MATH 1012 - Foundations of Mathematics (3 credit hours)

Occupational

CIST 1001 - Computer Concepts (4 credit hours)

CIST 1122 - Hardware Installation and Maintenance (4 credit hours)

2nd set of suggested courses

Occupational

CIST 1601 - Information Security Fundamentals (3 credit hours)

CIST 1130 - Operating Systems Concepts (3 credit hours)

CIST 1401 - Computer Networking Fundamentals (4 credit hours)

CIST 1602 - Security Policies and Procedures (3 credit hours)

3rd set of suggested courses

Occupational

CIST 2601 - Implementing Operating Systems Security (4 credit hours)

CIST 2602 - Network Security (4 credit hours)

Specialization Start (Choose one path)

Cisco Specialization:

- **CIST 2451** - Introduction to Networks - Cisco (4 credit hours)
- **CIST 2452** - Cisco Routing and Switching Essentials (4 credit hours)

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Microsoft Specialization:

- **CIST 2411** - Microsoft Client (4 credit hours)
- **CIST 2412** - Microsoft Server Installation & Maintenance (4 credit hours)

UNIX/Linux Specialization:

- **CIST 2431** - UNIX/Linux Introduction (4 credit hours)
- **CIST 2434** - UNIX/Linux Scripting (4 credit hours)

AWS Cloud Solutions Specialization:

- **CIST 2480** - AWS Cloud Foundations (4 credit hours)
- **CIST 2481** - AWS Cloud Architecting (4 credit hours)

4th set of suggested courses

Area II

PSYC 1010 - Basic Psychology (3 credit hours)

Occupational

CIST 2611 - Network Defense and Countermeasures (4 credit hours)

CIST 2602 - Network Security (4 credit hours)

CIST 2613 - Ethical Hacking and Penetration Testing (4 credit hours)

Guided Electives

CIST 1130 - Operating Systems Concepts (3 credit hours)

CIST 1220 - Structured Query Language (SQL) (4 credit hours)

CIST 1305 - Program Design and Development (3 credit hours)

CIST 1510 - Web Development I (4 credit hours)

CIST 2411 - Microsoft Client (4 credit hours)

CIST 2480 - AWS Cloud Foundations (4 credit hours)

CIST 2481 - AWS Cloud Architecting (4 credit hours)

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CIST 2620 - Computer Security and Corporate Fraud (3 credit hours)

CIST 2742 - Beginning Python Programming (4 credit hours)

CRJU 1010 - Introduction to Criminal Justice (3 credit hours)

COMP 1000 - Introduction to Computer Literacy (3 credit hours)

TOTAL CREDIT HOURS: 58-59

This emap along with meeting with your program advisor will help you graduate from Chattahoochee Technical College as quickly as possible.

Cybersecurity Program Advisors:

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