CYBERSECURITY TECHNOLOGY

Copiah-Lincoln Community College

The Cybersecurity Technology program at Copiah-Lincoln Community College will provide the knowledge and skills necessary for two-year graduates to obtain employment as a computer/network security technician. The program provides training in the areas of confidentiality, integrity, and availability in information security. Students will learn to install, design, manage, operate, plan, maintain and troubleshoot hardware in a secure information technology infrastructure.

The curriculum will train graduates with the skills necessary to obtain nationally recognized certifications in the areas of **A+** - CompTIA A+ Certification, and **Security+** - CompTIA Security+ Certification.

Freshman Year

First Semester	Hrs.	Second Semester	Hrs.
IST 1124 IT Foundations	4	IST 1223 Network Components	3
IST 1143 Principles of Information Security	3	IST 1624 Network Security Fundamentals	3
IST 1134 Fund. of Data Communications	4	IST 1163 Database and SQL Concepts	3
ENG 1113 English Composition I	3	IST 1723 Programming in Python	4
IST 1263 Microsoft Office Applications	3		
or BOT 1273 Intro to Microsoft Office			
	17		13

Sophomore Year

First Semester	Hrs.	Second Semester	Hrs.
IST 1243 Net Admin Using Windows Server	3	IST 1634 Wireless Security and Privacy	3
IST 1643 Network Defense & Countermeasures	3	SPT 1113 Public Speaking	3
IST 1153 Web and Programming Concepts	3	IST 2613 Windows Security	3
IST 1613 Computer Forensics	3	Approved Humanities/Fine Arts Elective	3
Approved Math/Science with Lab Elective	3/4	Approved Social/Behavioral Science Elective	3
	15/16		15

ACT Requirement: ACT composite score of 18 is required

Employment of information security analysts is projected to grow 28 percent from 2016 to 2026, much faster than the average for all occupations. Demand for information security analysts is expected to be very high, as these analysts will be needed to create innovative solutions to prevent hackers from stealing critical information or causing problems for computer networks. (Bureau of Labor and Statistics)