CYBERSECURITY AND NETWORKING TECHNOLOGY

Copiah-Lincoln Community College
Wesson, MS

2023

The Cybersecurity and Networking Technology program at Copiah-Lincoln Community College will provide the knowledge and skills necessary for two-year graduates to obtain employment as a cybersecurity analyst, network administrator, or network support specialist. The program provides training in the areas of the design, creation, and maintenance of a local area network including server, router, and switch configuration. You will learn to plan and carry out security measures to protect an organization's computer networks and systems by building on the security principles of confidentiality, integrity, and availability within the information technology (IT) industry. Students will learn to install, design, manage, operate, plan, maintain and troubleshoot hardware in a secure information technology infrastructure.

Freshman Year

First Semester	Hrs.	Second Semester	Hrs.
ENG 1113 English Composition I	3	IST 1163 Database and SQL Concepts	3
IST 1183 Essentials of Information Technology	3	IST 1193 Practical Apps in Information Technology	3
IST 1263 Microsoft Office Applications	3	IST 1223 Network Components	3
IST 1133 Fund. of Data Communications	3	IST 1623 Network Security Fundamentals	3
IST 1143 Principles of Information Security	3	SPT 1113 Public Speaking	3
Approved Social/Behavioral Science Elective	3	Approved Math/Science Elective	3
	18		18

Sophomore Year

First Semester	Hrs.	Second Semester	Hrs.
IST 1153 Web & Programming Concepts	3	IST 1633 Wireless Security and Privacy	3
IST 1243 Net Admin Using Windows Server	3	IST 2233 Network Implementation	3
IST 1613 Computer Forensics	3	IST 2253 Adv. Net Admin Using Windows Server	3
IST 1643 Network Defense & Countermeasures	3	IST 2613 Windows Security	3
IST 2223 Network Planning and Design	3	IST 2923 Special Problems in Info Systems Tech	3
IST 2523 Linux Operating System Fundamentals	3	Approved Humanities/Fine Arts Elective	3
	18		18

ACT Requirement: Must have a minimum ACT composite score of 16. A score of 18 is recommended.

Employment of computer networking and information security analysts is projected to grow 28 percent from 2022 to 2028, 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)

A member of the

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