



CYBERSECURITY AND NETWORKING TECHNOLOGY

Copiah-Lincoln Community College
Wesson, MS

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 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. An Associate in Applied Science degree is earned upon successful completion of the Cybersecurity and Networking Technology curriculum.

Freshman Year

First Semester

ENG 1113 English Composition I
IST 1183 Essentials of Information Technology
IST 1263 Microsoft Office Applications
IST 1133 Fund. of Data Communications
IST 1143 Principles of Information Security
Approved Social/Behavioral Science Elective

Hrs.
3
3
3
3
3
3
18

Second Semester

IST 1163 Database and SQL Concepts
IST 1193 Practical Apps in Information Technology
IST 1223 Network Components
IST 1623 Network Security Fundamentals
SPT 1113 Public Speaking
Approved Math/Science Elective

Hrs.
3
3
3
3
3
3
18

Sophomore Year

First Semester

IST 1153 Web & Programming Concepts
IST 1243 Net Admin Using Windows Server
IST 1613 Computer Forensics
IST 1643 Network Defense & Countermeasures
IST 2223 Network Planning and Design
IST 2523 Linux Operating System Fundamentals

Hrs.
3
3
3
3
3
3
18

Second Semester

IST 1633 Wireless Security and Privacy
IST 2233 Network Implementation
IST 2253 Adv. Net Admin Using Windows Server
IST 2613 Windows Security
IST 2923 Special Problems in Info Systems Tech
Approved Humanities/Fine Arts Elective

Hrs.
3
3
3
3
3
3
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
**msdn academic
alliance**

For more information, contact:

Mr. Joshua Miller 601.643.8337 joshua.miller@colin.edu
Mrs. Rhonda Posey 601.643.8426 rhonda.posey@colin.edu
Mr. Don Smith 601.643.8331 don.smith@colin.edu

Visit us on the web at: www.colin.edu/cybersecurity

