



CYBERSECURITY TECHNOLOGY

Copiah-Lincoln Community College
Wesson, MS
2019

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

<u>First Semester</u>	<u>Hrs.</u>	<u>Second Semester</u>	<u>Hrs.</u>
ENG 1113 English Composition I	3	IST 1183 Essentials of Info. Systems Technology	3
IST 1193 Prac. Apps in Info. Systems Technology	3	IST 1314 Visual BASIC Programming	4
IST 1263 Microsoft Office Applications	3	IST 1163 Database and SQL Concepts	3
IST 1134 Fund. of Data Communications	4	IST 1223 Network Components	3
IST 1143 Principles of Information Security	<u>3</u>	IST 1624 Network Security Fundamentals	<u>4</u>
	16		17

Sophomore Year

<u>First Semester</u>	<u>Hrs.</u>	<u>Second Semester</u>	<u>Hrs.</u>
Approved Technical Elective	3/4	Approved Security Elective	3/4
IST 1243 Net Admin Using Windows Server	3	Approved Security Elective	3/4
IST 1643 Network Defense & Countermeasures	3	IST 1634 Wireless Security and Privacy	4
Approved Social/Behavioral Science Elective	3	SPT 1113 Public Speaking	3
Approved Math/Science with Lab Elective	<u>3/4</u>	Approved Humanities/Fine Arts Elective	<u>3</u>
	15/16		16/18

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)

For more information, contact:



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