Cyber Security & Computer Forensics

The explosion of computer technology and the internet has produced an entirely new type of crime, Cybercrime. Cybercrime involves the use of the internet, computers, and related technologies in the commission of a crime. This new class of crime demands new crime fighting and technology skills.

- Cyber Security Analysts encrypt data transmissions and erect firewalls to conceal confidential information as it is being transmitted and to keep out tainted digital transfers.

- They develop plans to safeguard computer files against accidental or unauthorized modification, destruction, or disclosure, and to meet emergency data processing needs.

- Students will learn standard investigative tools and procedures when it is believed a computer is involved with a crime.

In the Cyber Security Program at Shawnee Community College, students will learn the background knowledge and technical skills necessary to fight cybercrime. This is accomplished by using a multidisciplinary approach encompassing both Cyber Security and Computer Forensics. For example, students learn to protect computer networks to guard against cyber attacks as well as the actions to take when failures in security occur.
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Credential Opportunities at SCC

- Less-than-one year certificate.

Possible Career Opportunities

- Information Technology Specialist
- Data Security Administrator
- Information Security Analyst
- Information Security Officer
- Computer Specialist
- Information Security Specialist
- Computer Security Specialist
- Information Security Manager
- Information Technology Security Analyst

...and more!

Earning Capacity

Cyber Security Analysts can earn an average salary of $86,400 (Based in Illinois).

Visit www.onetonline.org for more information.

Contact Information

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Shawnee Community College