Colonial Pipeline Ransomware Attack cost them $4.2 Million to Undo

Certificate in Cyber Security

Jobs in cybersecurity are among the fastest growing in the modern workplace. Both the Computer Information Systems (CIS) and Criminal Justice (CJ) departments recognize the need for specialized knowledge and training in cyber security for businesses of all sizes. To help learners who wish to enter this field, we have assembled a certificate at the Undergraduate level. This certificate program takes an interdisciplinary approach to security between CIS and CJ to insure full coverage for modern information technology (IT) resources. This program complies with National Initiative for Cybersecurity Education (NICE) framework recommendations and provides students with a solid foundation in the fundamentals of secure information technology systems and maintenance of Cyber infrastructure and systems defense.

This certificate is available to students in any major with an interest in Cyber Security. It will be awarded to any undergraduate who complete the courses listed below.
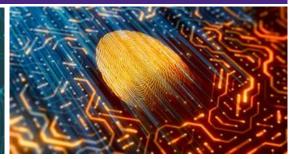
Undergraduate Certificate

Computer Information Systems

* BCIS 4320 Computer Forensics[2]

* BCIS 4342 Ethical Hacking & Network Defense[2]

* BCIS 4345 Network & Systems Security[2]

  [2] May sub as electives for CJ degrees

Criminal Justice

* CRIJ Rules of Criminal Evidence[1]

* CRIJ 4353 Global Cyber-Security[1]

  [1] May sub as electives for CIS degrees

**College of Business
Department of Marketing and
Computer Information Systems**

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**School of Criminology, Criminal
Justice and Public Administration
Department of Criminal Justice**

Box T- 0665 Stephenville, Texas 76402
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EXCELLENCE   -   INTEGRITY   -   RESPECT

Certificate in Cyber Security

Provides an in-depth examination of cybersecurity technology with an emphasis on executing a vulnerability analysis of an organization's network and network hardening. The student will be trained to use various tools to analyze networks for vulnerabilities and secure networks through the application of various defense mechanisms including firewalls, intrusion detection and Virtual Private Networks (VPNs).

The CIS side will prepare individuals to secure both computer systems and networks, as well as develop business security strategies. The courses utilize hands-on labs and include the use of current security, forensic, and penetration testing software. The student will also be preparing to take the CompTIA Security+ certification exam. The CJ side will prepare the student to recognize, gather, and report electronic evidence for analysis of security breaches, criminal or civil investigations, and any other legal or company procedural purpose.

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