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EC-Council



NATIONAL
CYBERWATCH
CENTER

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Cyber Security



Bucks | SMART
County Community College



Cyber Security

Fundamentals of System Security

This course, WITAC 2118, introduces the basics of systems security. Emphasis is placed on access controls, networking, auditing, security operations, and malicious code activity.

This course is aligned to the Systems Security Certified Practitioner (SSCP) exam.

Certification: ISC2 SSCP Certification.

Introduction to Computer Forensics

This course, WITAC 2119, provides an introduction to the concepts and techniques used in computer forensics.

Emphasis is placed on understanding the basic concepts of forensics, the legal and ethical implications of forensics, as well as hands-on experience capturing and examining forensic images. This course is aligned with the taking of the Access Data ACE Certification, which demonstrates knowledge of the use of their forensic tools.

Certification: Access Data ACE Certification

Incident Response and Computer Forensics

This course, WITAC 2117, builds on the Introduction to Computer Forensics, and focuses on the tools and techniques used in the evaluation and remediation of computer incidents. Emphasis is placed on understanding the practical application of forensics as applied to malware and other information system threats.

Certification: CERT-Certified Computer Security Incident Handler.



Ethical Hacking

This course, WITAC 2121, introduces the basics of ethical hacking, and includes practical, hands-on labs designed to teach students how to prepare and defend against intrusions. This course is aligned to the EC-Council Certified Ethical Hacker (CEH) exam.

Certification: EC-Council Certified Ethical Hacker (CEH) exam.

Advanced Ethical Hacking

Building on the Ethical Hacking course (WITAC 2121), this course, WITAC 2123, covers advanced penetration testing techniques and defenses. While the focus will be on developing the skill sets of the participants, the course will also focus on the defenses needed to protect the infrastructure from these types of attacks. No textbook required. Instructor will provide materials via slides and other handouts as necessary.

CompTIA Security +

This course, WITAC 0511, will prepare you to pass the current CompTIA Security+ SY0-501 certification exam. After taking this course, you will understand the field of network security and how it relates to other areas of information technology. This course also provides the broad-based knowledge necessary to prepare for further study in specialized security fields, or it can serve as a capstone course that gives a general introduction to the field.

Network Monitoring, Security & Forensics

This course, WITAC 2122, introduces the basics of network monitoring includes practical, hands-on labs designed to teach students how to prepare and defend against intrusions. It includes designing a potentially threatening network activity.

Certification: Wireshark Certified Network Analyst (WCNA)

Cisco Certified Network Associate (CCNA) Security

The CCNA Security course, WITAC 1024, prepares you to design, implement, and support security for networked devices. This course builds on the first 2 CCNA Routing & Switching courses and prepares you for Cisco Security certification. Add a security specialty to your CCNA networking skills and expand your career opportunities.

Certification: CCNA Security

