

BCCC

Baltimore City Community College



CYBER SECURITY AND ASSURANCE CERTIFICATE

The Cyber Security and Assurance Program provides students with practical experience in understanding the threats and dangers, security assessments and analysis to a wide range of different businesses, and the steps that need to be taken to mitigate these vulnerabilities by using state-of-the-art technology. The program prepares students for vendor-specific or commercially available security certification. The program also emphasizes the need to build a wall between our information and those that want to exploit it. The recurring events such as virus and worm attacks and the success of criminal attackers illustrate the weaknesses in current information technologies and the need to heightened security of these systems.

Learn more at
bccc.edu/cyber



CYBER SECURITY AND ASSURANCE CERTIFICATE

25 credit hours



CAREER OPTIONS

- Cyber Security Technician
- Assistant Security Operator
- Cyber Security Analyst
- Cyber Security Risk Assessment Support
- Asst. Cyber Data Security
- Cyber Security Associate

BCCC'S ADVANTAGE

- Internships & Scholarships
- Cyber Security Certification Training and Vouchers
- Small class size
- Majority of graduates pursue the AAS degree, transfer to a bachelor's degree program or find job placement

SUGGESTED SEQUENCE OF COURSES

Every degree-seeking student must complete the College's General Education Requirements in addition to the requirements of his/her academic program. Through the College's General Education Requirements, students acquire basic knowledge of the disciplines in the areas of arts and humanities, social and behavioral sciences, biological and physical sciences, mathematics, English composition, and computer literacy.

SUMMER	CREDITS	COURSE #
Preparation for Academic Achievement	1	PRE 100
Introduction to Operating Systems: DOS/Windows	3	BCA 104
Security Fundamentals, Principles and Ethics	3	CYA 125
	7 Credits	

1ST SEMESTER	CREDITS	COURSE #
Introduction to UNIX: The Operating System	3	CIS 105
Introduction to Help Desk Support	3	CYA 230
Networking with TCP/IP	3	CYA 235
	9 Credits	

2ND SEMESTER	CREDITS	COURSE #
Computers Forensic and Investigation	3	CYA 242
Ethical Hacking	3	CYA 233
Cyber Security Implementation	3	CYA 245
	9 Credits	

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