

CYBER SECURITY AND ASSURANCE



BCCC
Baltimore City Community College

- Cyber Security & Assurance AAS Degree
- Cyber Security & Assurance Certificate

The Cyber Security and Assurance Program provides courses outlined to ensure students master knowledge of following a structured model in Security Systems Development Life Cycle (SDLC). Student will also develop hands-on experience in:

- Detecting attacks and combatting hackers
- Protecting data and responding to threats that occur over the Internet
- Designing and implementing risk analysis, security policies, and damage assessments
- Planning, implementing, and auditing operating systems security
- Providing contingency operations and planning processes for incident response, disaster recovery, and business continuity planning in information security



LEARN MORE AT
bccc.edu/cybersecurity

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BCCC
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Associate of Applied Science

60 credit hours

BCCC'S ADVANTAGE CAREER OPTIONS

- Associate Network/Security Engineers
- Junior IT Auditors
- Help Desk/Data Support Technicians
- Ethical Hackers
- Network Analysts
- Security Specialists
- System Engineers

- Internships & scholarships
- Cyber Security Certification Training & Vouchers
- Small class size
- Majority of graduates transfer to a bachelor's degree program or find job placements

APPLY TODAY

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SUGGESTED SEQUENCE OF COURSES

	Credits	Course No.
1st Semester		
Prep. for Academic Achievement	1	PRE 100
Security Fund., Principles & Ethics	3	ITSA 125
Principles of Computer Info. Systems	3	CISS 109
Introduction to Operating Systems	3	BCAP 104
Introduction to UNIX Operating System	3	CISS 105
English Writing	3	ENG 101
2nd Semester		
Fundamentals of Speech Comm.	3	SP 101
The American Economy I: Macroeconomic Theory	3	ECO 201
General Ed. Math Elective	3	Math Elective
Networking with TCP/IP	3	ITNT 235
Ethical Hacking	3	ITNT 233
3rd Semester		
Introduction to Help Desk Support	3	BCAP 270
Operating Systems & Network Security	3	ITSA 253
Systems Analysis and Design	3	CISS 201
Modern Elementary Statistics	3	MAT 107
Health and Fitness	2	HLF-Elective
4th Semester		
Introduction to Criminal Justice	3	CRJ 101
Computer Forensics and Investigation	3	ITSA 242
Cyber Security Implementation	3	ITSA 245
Business Continuity & Disaster Recovery	3	ITSA 270
Biological and Physical Sciences	3	BPS-Elective