American Public University System
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CCBC
The Community College of Baltimore County

COMMUNITY COLLEGE OF BALTIMORE COUNTY (CCBC) A.A.S. CYBER SECURITY TO AMERICAN PUBLIC UNIVERSITY SYSTEM (APUS) B.S. CYBERSECURITY TRANSFER GUIDE			
APUS DEGREE REQUIREMENTS	**CCBC COURSES**	**CREDITS APPLIED**	**CREDITS NEEDED AT APUS**
General Education Requirements (30 Credits Required)		**18**	**12**
Communication: Writing, Oral, & Multimedia (COMM) (9 Credits Required)		**6**	**3**
COMM120: Information and Digital Literacy *(Required)*	*NSA-CAE Curriculum*	3	
ENGL110: Making Writing Relevant *(Required)*	ENGL 101 College Composition I	3	
APUS General Education COMM Course Choice			3
Arts & Humanities (ARHU) (6 Credits Required)		**3**	**3**
APUS General Education ARHU Course Choice	CCBC Gen Ed Arts and Humanities Option*	3	
APUS General Education ARHU Course Choice			3
History (HIST) (3 Credits Required)		**0**	**3**
APUS General Education HIST Course Choice			3
Civics, Political & Social Sciences (SSPS) (6 Credits Required)		**3**	**3**
APUS General Education SSPS Course Choice	CCBC Gen Ed Social and Behavioral Sciences Option*	3	
APUS General Education SSPS Course Choice			3
Mathematics and Applied Reasoning (MAAR) (3 Credits Required)		**3**	**0**
MATH110: College Algebra *(Required)*	CCBC Gen Ed Mathematics Option* *(APUS recommends MATH135 or MATH163) (APUS MATH110)*	3	
Natural Sciences with Lab (NASC) (3 Credits Required)		**3**	**0**
APUS General Education NASC Course Choice	CCBC Gen Ed Biological and Physical Sciences Option*	3	

Electives (27 Credits Required)		27	0
Choose any additional courses to meet degree requirements**	DCOM 101 Introduction to Data Communications	3	
	DCOM 142 Introduction to Linux/UNIX	3	
	DCOM 217 CCNA I: Introduction to Networks - *split*	1	
	DCOM 218 CCNA II: Switching, Routing, and Wireless Essentials - *split*	1	
	DCOM 219 CCNA III: Enterprise Networking, Security, and Automation	4	
	DCOM 211 Introduction to Firewalls	3	
	DCOM 224 Advanced Linux Administration	4	
	DCOM 214 Operating Systems Security - *split*	1	
	DCOM 215 Ethical Hacking and System Defense - *split*	1	
	CCBC Gen Ed Information Technology Option	3	
	CCBC Program Elective (any DCOM course)	3	
Major Requirements (45 Credits Required)		12	33
ENTD261: Scripting Languages for the Administrator			3
INTL440: Cyber Warfare			3
ISSC325: Biometrics			3
ISSC231: Networking Concepts	DCOM 217 CCNA I: Introduction to Networks	3	
ISSC242: Hardening Operating Systems	DCOM 214 Operating Systems Security	3	
ISSC262: Red and Blue Team Security	DCOM 215 Ethical Hacking and System Defense	3	
ISSC266: Cryptography Concepts			3
ISSC421: Computer and Network Security			3
ISSC422: Information Security	DCOM 258 Introduction to Information Security	3	
ISSC290: Security Databases			3
ISSC451: Cybercrime			3
ISSC452: Cybersecurity			3
ISSC481: IT Security: Planning and Policy			3
ITMG281: Law, Privacy, and Digital Data			3
MATH302: Statistics			3
General Concentration Requirements^ (15 Credits Required)		6	9
ISSC343: Wireless Networks	DCOM 218 CCNA II: Switching, Routing, and Wireless Essentials	3	
ITMG481: Ethics in Information Technology			3
INFO222: Database Concepts			3
ISSC368: IT Security: Physical and Peripheral Defense	DCOM 212 Introduction to Intrusion Detection/Prevention Systems	3	
ISSC456: Digital Forensics: Investigating Wireless Networks and Devices			3

Final Program Requirement (3 Credits Required)		0	3
ISSC499: Senior Seminar in Cybersecurity	MUST BE TAKEN AS FINAL COURSE		3
120 Credits Needed for Graduation		63	57

^Credit mapped toward the General Concentration. Other available concentrations for this program: 1) Wireless and Mobile Security

*Credit variances in academic placement and credit award can occur based on student course selections and APUS' program requirements.

**Any transferable course not used to fulfill General Education or Major/Concentration requirements may be taken. Please note remedial/developmental and vocational credit is not transferrable.

Note: In order to transfer courses to APUS, the student must earn a grade of "C" or better.