



Suggested Transfer Pathway
Montgomery College A.A.S in Cybersecurity to
University of Maryland University College
B.S. in Cybersecurity Management and Policy



Catalog Year: 2016-2017

Year One – Montgomery College

(Courses may be taken in any order)

Fall Semester	Cr
ENGL101 (if needed for ENGL102/103, or other writing course)	3
CMSC110 Computer Concepts	3
NWIT127 Microcomputer Control Programs	3
NWIT151 Introduction to Networking	3
NWIT252 Cisco Networking 2	3
Health Foundation	1
Total Credits	16

Spring Semester	Cr
MATH110 or higher, MATH110 recommended	3
CMSC253 UNIX/LINUX System Administration	4
NWIT263 Intro to Digital Forensics	3
NWIT173 Network Security	3
ENGL102 or ENGL103, English Foundation	3
Total Credits	16

Year Two – Montgomery College

Fall Semester	Cr
NWIT245 Hardening the Infrastructure	3
PHIL140 Introduction to the Study of Ethics	3
NWIT203 Microsoft Windows Server	3
Natural Sciences Distribution with Lab	4
Total Credits	13

Spring Semester	Cr
Behavioral and Social Sciences Distribution	3
Arts or Humanities Distribution (HIST recom'd)	3
NWIT246 Network Defense & Countermeasures	3
NWIT290 Information Security Capstone	3
COMM108 or COMM112, Speech Foundation	3
Total Credits	15

Apply to graduate from Montgomery College with an [Associate of Applied Science in Cybersecurity](#)

Students are required to earn at least a "C" grade in all courses in order for the course grade to be eligible for transfer credit unless it is a general education course. Students must have a 2.0 minimum cumulative GPA to obtain the A.A.S. degree in Cybersecurity.

Year Three – University of Maryland University College

Fall Semester	Cr
WRTG 393 <i>Or other upper-level advanced writing GenEd course</i>	3
BEHS 103 <i>Or other behavioral/social sci. from a 2nd discipline</i>	3
NSCI 100 <i>Or other 3-credit biological/physical science</i>	3
LIBS 150 Introduction to Research	1
Elective	2
CSIA 310 Cybersecurity Processes & Technologies	3
Total Credits	15

Spring Semester	Cr
IFSM 304 Ethics in Information Technology	3
CCJS 321 Digital Forensics in the Criminal Justice System	3
CSIA 350 Cybersecurity in Business and Industry	3
CSIA 360 Cybersecurity in Government Organizations	3
Elective	3
Total Credits	15

Year Four – University of Maryland University College

Fall Semester	Cr
CSIA 413 Security Policy, Plans, and Programs	3
CSIA 459 Evaluating Emerging Technologies	3
CMIT 425 Advanced Information Systems Security	3
Elective	3
Upper-Level Elective	3
Total Credits	15

Spring Semester	Cr
CSIA 485 Practical Applications in Cybersecurity Management	3
Upper-Level Elective	3
Total Credits	15

Contact: transfer@montgomerycollege.edu

MC [A.A.S. in Cybersecurity](#) to UMUC [B.S. in Cybersecurity Management and Policy](#)

Catalog Year: 2016-2017

Name:	Date:	ID#	
Foundation Courses	COURSE	HRS	GRADE
English Foundation (ENGL102 or ENGL103)	ENGL	3	
Math Foundation MATH110 or higher (MATH110 recommended)	MATH	3	
Speech Foundation (COMM108 or COMM112)	COMM	3	
Health Foundation	HLTH	1	
Distribution Courses	COURSE	HRS	GRADE
Humanities or Arts Distribution (HIST recommended)		3	
Behavioral and Social Science Distribution		3	
Natural Science Lab Distribution		4	
Program Requirements and Electives	COURSE	HRS	GRADE
Computer Concepts	CMSC110	3	
Microcomputer Control Programs	NWIT127	3	
Introduction to Networking	NWIT151	3	
Network Security	NWIT173	3	
Microsoft Windows Server	NWIT203	3	
Hardening the Infrastructure	NWIT245	3	
Network Defense and Countermeasures	NWIT246	3	
Cisco Networking 2	NWIT252	3	
UNIX/LINUX System Administration	CMSC253	4	
Introduction to Digital Forensics	NWIT263	3	
Information Security Capstone	NWIT290	3	
Introduction to the Study of Ethics	PHIL140	3	
ENGL101 (if needed for ENGL102/103, take other writing if not)		3	

Notes: Students are required to earn at least a “C” grade in all courses in order for the course grade to be eligible for transfer credit unless it is a general education course. Students must have a 2.0 minimum cumulative GPA to obtain the A.A.S. degree in Cybersecurity.

www.umuc.edu/academic-programs/bachelors-degrees/cyber-security-major.cfm

UMUC Contact:

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