Suggested Transfer Pathway
Montgomery College A.A.S. in Cybersecurity to
Wilmington University B.S. in Computer & Network Security
Catalog Year: 2019-2020, Courses may be taken in any order

0 - 31 Credits – Montgomery College

		Cr
	ENGL101 (if needed for ENGL102/103, NWIT/CMSC elective if not)	3
	NWIT127 Microcomputer Essentials	3
	NWIT151 Intro to Networking	3
	Math Foundation (MATH117 or higher)	3
	Behavioral and Social Sciences Distribution	3
	Total Credits	**15**

		Cr
	English Foundation: ENGL102 or ENGL103	3
	CMSC135 Intro to Scripting	3
	CMSC253 UNIX/LINUX System Administration	4
	NWIT173 Network Security	3
	NWIT252 Cisco Networking 2	3
	Total Credits	**16**

32 - 60 Credits – Montgomery College

		Cr
	PHIL140 Intro to the Study of Ethics	3
	NWIT245 Defending the Network	3
	NWIT263 Intro to Digital Forensics	3
	Arts or Humanities Distribution	3
	Natural Science Distribution with Lab	4
	Total Credits	**16**

		Cr
	NWIT291 Cybersecurity Capstone	1
	NWIT230 Intro to Cyber Ops	3
	NWIT246 Attacker Tools and Techniques	3
	NWIT247 Intro to Incident Response	3
	NWIT275 Wireless Security	3
	Total Credits	**13**

*Apply to graduate from Montgomery College with an **Associate of Applied Science in Cybersecurity***

Year Three – Wilmington University

Fall Semester	Cr
CTA 206 Computer Applications	3
SEC 210 Principles and Practice of Info Sec.	3
SEC 310 Cryptography: Alg and App	3
SEC 335 Linux for System Admins	3
SEC 340 Windows Op Sys & System Admin	3
Total Credits	**15**

Spring Semester	Cr
CSC 345 Database Foundations	3
SEC 410 Web and Data Security	3
SEC Elective Course *	3
SEC Elective Course *	3
SEC Elective Course *	3
Total Credits	**15**

Year Four - Wilmington University

Fall Semester	Cr
SEC Elective Course *	3
SEC Elective Course *	3
Technology Elective **	3
Elective	3
Elective	3
Total Credits	**15**

Spring Semester	Cr
SEC 450 Protecting Your Network: Firewall & Perimeter Security	3
SEC Elective Course *	3
Elective	3
Elective	3
Elective	3
Total Credits	**15**

* Students must choose six of the following courses for their SEC Elective Course requirement:
- LES 330, Cyber Law; LES 331, Electronic Discovery; SEC 240, Foundations in Cyber Investigations; SEC 305, Psychology of the Cyber Attacker; SEC 325, Breaking Down Cloud Security; SEC 355, Mobile Device Security and Forensics; SEC 380, Cloud Computing; SEC 420, Data Integrity and Disaster Recovery; SEC 425, Ethical Hacking, SEC 435, Advanced Network Management; SEC 440, Network Forensics; SEC 465, Cyber Security and IoT; SEC 490/491, CNS Internship; UAV 100, Intro to Drone Operators; UAV 102, Drone Design and Maintenance; UAV 200, Security of UAV and UAS Systems

** Students must choose from any course designated with a prefix of CSC, CTA, GMD, ISM, SDD, SEC, or TEC to fulfill the Technology Elective Requirement.

MC A.A.S. in Cybersecurity to Wilmington B.S. in Computer and Network Security

Total Credits: 60, Catalog Year 2019-2020

Name:	Date:	ID#	
General Education Courses	COURSE	HRS	GRADE
English Foundation (ENGL102/ENGL103)	ENGL	3	
Math Foundation, MATH117 or higher	MATH	3	
Distribution Courses	COURSE	HRS	GRADE
Arts or Humanities Distribution		3	
Behavioral and Social Sciences Distribution		3	
Natural Science Distribution w/ Lab		4	
Program Requirements	COURSE	HRS	GRADE
ENGL101 (if needed for ENGL102/ENGL103, NWIT/CMSC elective if not)		3	
Intro to Scripting	CMSC135	3	
UNIX/LINUX System Administration	CMSC253	4	
Microcomputer Essentials	NWIT127	3	
Intro to Networking	NWIT151	3	
Network Security	NWIT173	3	
Intro to Cyber Ops	NWIT230	3	
Defending the Network	NWIT245	3	
Attacker Tools and Techniques	NWIT246	3	
Intro to Incident Response	NWIT247	3	
Cisco Networking 2	NWIT252	3	
Intro to Digital Forensics	NWIT263	3	
Wireless Security	NWIT275	3	
Cybersecurity Capstone	NWIT291	1	
General Education Electives	COURSE	HRS	GRADE
Intro to the Study of Ethics	PHIL140	3	

www.wilmu.edu/technology/computer-network-security.aspx