Suggested Transfer Pathway

Montgomery College A.A.S. in Cybersecurity to Capitol Tech. B.S. in Cyber and Info Security

Catalog Year: 2017-2018, 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
	CMSC135 Intro to Scripting	3
	NWIT127 Microcomputer Essentials	3
	NWIT151 Intro to Networking	3
	Math Foundation (MATH117 recommended)	3
	Total Credits	**15**

		Cr
	English Foundation: ENGL102 or ENGL103	3
	CMSC253 UNIX/LINUX System Administration	4
	NWIT173 Network Security	3
	NWIT203 Microsoft Windows Server	3
	NWIT252 Cisco Networking 2	3
	Total Credits	**16**

32 - 60 Credits – Montgomery College

		Cr
	NWIT245 Defending the Network	3
	NWIT246 Attacker Tools and Techniques	3
	NWIT263 Intro to Digital Forensics	3
	NWIT275 Wireless Security	3
	Arts or Humanities Distribution	3
	Total Credits	**15**

		Cr
	NWIT247 Intro to Incident Response	3
	NWIT291 Cybersecurity Capstone	1
	PHIL140 Intro to the Study of Ethics	3
	Behavioral and Social Sciences Distribution	3
	Natural Science Distribution with Lab	4
	Total Credits	**14**

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

* Behavioral and Social Science Destruction courses must come from different disciplines

Year Three – Capitol Technology University

	Fall Semester	Cr
	BUS-174 Intro to Business & Management	3
	CS-150 Intro to Programming using C	3
	MA-112 Intermediate Algebra or MA-128 Statistics	3
	General Elective 4/6	3
	IAE-325 Secure Data Communications	3
	Total Credits	**15**

	Spring Semester	Cr
	MA-124 Discrete Math	3
	BUS-301 Project Management	3
	Social Science Elective 2/2	3
	CS-220 Database Management	3
	General Elective 5/6	3
	Total Credits	**15**

Year Four - Capitol Technology University

	Fall Semester	Cr
	CS-250 Intro Network Prog using C	3
	CS-230 Computer Science II	3
	CS-418 Operating Systems	3
	HU-331/332 Arts and Ideas	3
	EN-408 Technical Writing	3
	Total Credits	**15**

	Spring Semester	Cr
	IAE-458 Senior Project	3
	Humanities Elective 2/2	3
	IAE-405 Malware Analysis	3
	General Elective 6/6	3
	CS-300 Secure Coding	3
	Total Credits	**15**

MC A.A.S. in Cybersecurity to Capitol B.S. in Cyber and Information Security

Total Credits: 60, Catalog Year 2017-2018

Name:	**Date:**	**ID#**	
General Education Courses	**COURSE**	**HRS**	**GRADE**
English Foundation (ENGL102/ENGL103)		3	
Math Foundation (MATH117 Statistics recommended)	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	
Microsoft Windows Server	NWIT203	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.captechu.edu/node/103

Capitol Contact Information:
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REACH HIGHER.
GO FURTHER. TRANSFER TO CAPITOL TECHNOLOGY UNIVERSITY.

You've been working hard toward building the foundation for a bachelor's degree. Capitol Technology University is ready to take you the rest of the way.

We have small class sizes, professors who are industry experts and a hands-on approach to education. And, we've led the field with transfer scholarships up to $10,000 per year and agreements with community colleges just like yours!

- **Innovative, in-demand programs** in engineering, computer science and technology programs
- **50% tuition cut** for all business students
- **State-of-the-art technology**, facilities and housing
- **Tuition lock program** that keeps your tuition low throughout your college career
- **Beautiful 52-acre campus** in the Washington, D.C. suburb of Laurel, MD
- **Local and regional partnerships** with more than 56 corporations, government agencies and contractors
- **Job guarantee for all qualified undergraduates**

Degree Programs

- *Astronautical Engineering*
- *Business Administration*
- *Computer Engineering*
- *Computer Engineering Technology*
- *Computer Science*
- *Electrical Engineering*
- *Electronics Engineering Technology*
- *Cyber and Information Security*
- *Management of Cyber and Information Technology*
- *Software Engineering*
- *Software and Internet Applications*
- *Telecommunications Engineering Technology*
- *Mobile Computing and Game Programming*

See if you qualify for a Capitol Technology University Merit Scholarship

Credits GPA	AA or Higher	60+CR	48+CR	36+CR	24+CR	12+CR
4.0	$10,000	$10,000	$10,000	$9,500	$9,000	$8,500
3.9	$10,000	$10,000	$9,500	$9,000	$8,500	$8,000
3.8	$10,000	$9,500	$9,000	$8,500	$8,000	$7,500
3.7	$9,500	$9,000	$8,500	$8,000	$7,500	$7,000
3.6	$9,000	$8,500	$8,000	$7,500	$7,000	$6,500
3.5	$8,500	$8,000	$7,500	$7,000	$6,500	$6,000
3.4	$8,000	$7,500	$7,000	$6,500	$6,000	$5,500
3.3	$7,500	$7,000	$6,500	$6,000	$5,500	$5,000
3.2	$7,000	$6,500	$6,000	$5,500	$5,000	$5,000
3.1	$6,500	$6,000	$5,500	$5,000	$5,000	$4,500
3.0	$6,000	$5,500	$5,000	$5,000	$4,500	$4,000

**Grid is based on credits earned, not on credits accepted into Capitol Technology University.*
**Scholarship amounts for Business majors are half that of any grid calculations above.*
**Actual scholarship amounts may increase when subject to a complete applicant review.*
**Award amounts are for full-time laurel campus applicants. Satellite campus awards vary according to per credit tuition costs.*

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CAPITOL TECHNOLOGY UNIVERSITY

1927

Articulation Agreement
A.A.S. in Cybersecurity at Montgomery College Community College and B.S. in Cyber and Information Security at Capitol Technology University

Students graduating from Montgomery College with an A.A.S. degree in Cybersecurity may transfer up to 60 approved credit hours, with a minimum grade of 'C' required in each course transferred, towards the B.S. in Cyber and Information Security at Capital. This table specifies Montgomery College A.A.S. in Cybersecurity course equivalencies up to 66 credits. Additional credits from 4-year institutions will be evaluated on a case-by-case basis.

COURSE NUMBER, TITLE and NUMBER of CREDITS			COURSE NUMBER, TITLE and NUMBER of CREDITS		
Programming and Computer Courses	**30 Credits**	Transferred Course	**English/Humanities/Social Sciences**	**27 Credits**	Transferred Course
	CS-150 Intro to Programming using C (3)			EN-101 English Communications I (3)	ENGL-101
	CS-220 Database Management (3)			EN-102 English Communications II (3)	Note 1
	CS-230 Computer Science Fundamentals II (3)			EN-408 Writing Semi in Tech Research (3)	
	CS-250 Intro to Network Prog using C (3)			HU-331 or HU-332 Arts and Ideas (3)	
	CS-300 Secure Coding (3)			SS-351 Ethics (3)	PHIL-140
	CS-418 Operating Systems (3)			Humanities Elective (3)	Note 5
	CT-152 Introduction to Unix (3)	CMSC-253		Humanities Elective (3)	Note 5
	CT-206 Scripting Languages (3)	CMSC-135		Social Science Elective (3)	Note 6
	CT-240 Internetworking w/Rters/Switches (3)	NWIT-252		Social Science Elective (3)	Note 6
	IAE-458 Senior Project (3)				
Information Assurance Courses	**27 Credits**		**General Electives**	**18 Credits**	
	IAE-201 Introduction to IA Concepts (3)	Note 3		NWIT-203	3
	IAE-301 Comp Cmptr/Ntwk Security (3)	NWIT-246		NWIT-127	3
	IAE-315 Secure Sys Admin & Operation (3)	NWIT-245		NWIT-151	3
	IAE-321 Applied Wireless Ntwk Security (3)	NWIT-275			
	IAE-325 Secure Data Commun and Crypt (3)				
	IAE-402 Intro to Inc Handling/Mal Code (3)	NWIT-247			
	IAE-405 Malware Analysis/Reverse Engrg (3)				
	IAE-406 Forensic Investigative Processes (3)	NWIT-263			
	IAE-410 Penetration Testing (3)				
Mathematics and Science Courses	**12 Credits**		**Management Courses**	**6 Credits**	
	MA-112 Intermediate Algebra (3)	Note 7		BUS-174 Intro/Business and Management (3)	Note 8
	MA-124 Discrete Math (3)			BUS-301 Project Management (3)	
	MA-128 Introduction to Statistics (3)	Note 2			
	Science/Math Elective (3)	Note 4			

Evaluated by (list below):		Date:
1.		
2.		
3.		
Student First Name:		Middle Initial:
Last Name:		

Schools transferred in from:

T_1 = T_2 =

T_3 = T_4 =

Notes

Note 1: ENGL-102 transfers as ENG-102
Note 2: MAT-117 transfers as MA-128
Note 3: NWIT-173 transfers as IAE-201
Note 4: Any ASTR, GEOL, BIOL, LNTP
Note 5: Any ARTD or HUMD
Note 6: Any BSSD
Note 7: Students may transfer MATH-165 for MA-112.
Note 8: Students may transfer BSAD-101 or MGMT-101 for BUS-174.