



**Agreement Between Carroll Community College and Capitol Technology University
(Capitol) for the Articulation of the A. A. S. Cybersecurity at Carroll Community College
to B.S. in Cybersecurity at Capitol.**

PURPOSE

This agreement facilitates the transfer of Carroll Community College students who graduate with an A.A.S. in Cybersecurity to the B. S. in Cybersecurity as well as to the M.S. in Cybersecurity at Capitol. Consideration for acceptance in to other graduate programs will be made based on student qualifications. This agreement defines the terms of the transfer agreement.

The goals inherent in the agreement are to:

1. Facilitate student admission into the B.S. in Cybersecurity program after completing the A.A.S. in Cybersecurity.
2. Facilitate student admission to the M.S. in Cybersecurity or other appropriate graduate degree programs for students possessing a Bachelor's degree from an accredited institution.
3. Establish a clear set of understandings and expectations for institutions, students, and their respective degrees.
4. Establish a pathway for Carroll Community College A.A.S. in Cybersecurity graduates to earn a B. S. degree in Cybersecurity at Capitol to advance their careers in the associated field.

ARTICULATION AGREEMENT

Carroll Community College and Capitol agree to offer articulated programs leading to the award of an A.A.S. in Cybersecurity. The two institutions further agree that students from Carroll Community College, under the articulation agreement, may transfer credits earned for the A.A.S. in Cybersecurity toward the B.S. in Cybersecurity at Capitol. The following general principles guide the implementation of this agreement:

1. The program is designed for graduates of the A.A.S. degree in Cybersecurity at Carroll Community College to transfer specific courses in which they have earned the grade of C or higher. The number of courses transferred may not exceed 66 credit hours. However, students with transfer credits from 4-year institutions may request evaluation of those credits for additional transfer. The credit hours transferred from Carroll Community College contribute to the fulfillment of the 120 credit hours required for baccalaureate completion (B.S. CIS) at Capitol.

2. The course transfer table included with this document specifies courses that will transfer from Carroll Community College to Capitol.
3. Capitol will consider, on a case-by-case basis, accepting credit from non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores).
4. For a smooth transition, students at Carroll Community College may start taking courses in the Cybersecurity program at Capitol while they are completing the A.A.S. degree at Carroll Community College. However, students are advised to complete the A.A.S. degree prior to officially transferring to Capitol. Completion of the AAS prior will increase scholarship aid.
5. If Carroll Community College and Capitol develop a dual enrollment program, this articulation agreement will not prevent students from applying for, participating in, or receiving the benefits of dual enrollment. Those students would then be subject to the dual enrollment program criteria.
6. Carroll Community College students who complete the A.A.S. in Cybersecurity with a 2.5 grade point average will be automatically accepted into the B.S. in Cybersecurity bachelor's degree program at Capitol and will be given consideration for financial assistance and will be eligible to compete for academic scholarships at Capitol. Students who finish the A.A.S. degree with a GPA of 3.0 or higher and subsequently attend Capitol full-time will be considered for larger scholarship under a special program.
7. Carroll Community College students who transfer into the asynchronous online B.S. in Cybersecurity at Capitol Tech will be eligible for the partnership rate of \$360 per credit hours (2021-2022 tuition rate).
8. At the request of the Carroll Community College to Vice President of Academic and Student Affairs, the Capitol Academic Dean will provide general information on the academic progress of Carroll Community College students enrolled in the Capitol B.S. Cybersecurity program. Any feedback must adhere to FERPA.
9. Carroll Community College and Capitol agree to monitor the performance if this agreement when any changes to program curriculum occur.
10. Carroll Community College and Capitol agree to publicize this agreement on their web sites. Carroll Community College will email all cybersecurity students between 15 and 35 credits who are in good academic standing once a semester informing them of this agreement.
11. The course transfer table is subject to a five-year review for updating and revising as necessary by the appropriate Carroll Community College and Capitol officials without affecting the signed agreement.
12. Either party may terminate the agreement with 60 days advance written notice to the other. Termination of the agreement will not affect any students currently enrolled in the A.A.S. in Computer Technology/Cybersecurity/Information Systems program who are taking courses at Capitol or who have been accepted into the B.S. Cybersecurity at Capitol.
13. This agreement becomes effective on the date that the last authorizing party has signed the agreement. The last signer will write the date on the signature page.

MASTER DEGREE TRANSFER: M.S. (2+2+1):

Students who complete the A.A.S. degree in Cybersecurity at Carroll Community College, the B.S. in Cybersecurity at Capitol and who have a GPA of 3.0 or greater will be accepted into the M.S. in Cybersecurity. Consideration for acceptance in to other graduate programs will be made based on student qualifications. The program can be completed in one year with student attendance on a full-time basis. Students may contact an advisor regarding eligibility for other master degrees under this program.

Students are required to complete FS-100 (Freshman Seminar) unless the student has transferred 24 credit hours or greater. A student may be required to complete MA-005, EN-001, and CS-100, NT-100 based on placement test results.

B.S. in Cybersecurity Map by Year and Semester -- 120 Credits

Yr/Sem	Course #	Course	Credits	Prerequisite or Corequisite
YEAR 1				
1-1	CT-152	Introduction to UNIX	3	CS-100
1-1	FS-100	Freshman Seminar	1	None
1-1	EN-101	English Communications I	3	Placement test score
1-1	TBD	Humanities Elective 1/2	3	Varies
1-1	MA-112	Intermediate Algebra	3	Placement test score or MA-005
1-1	NT-150	Introduction to Networking	3	
1-2	CS-150	Intro to Programming using C	3	MA-112 and CS-100
1-2	EN-102	English Communications II	3	EN-101
1-2	MA-124	Discrete Math	3	MA-112, MA-114, or placement test score
1-2	TBD	Science Elective	3	Varies, AE-150, CH-120, PH-201
1-1	IAE-201	Introduction to IA Concepts	3	Corequisite: MA-110 or MA-112 or MA-114 or MA-261
YEAR 2				
2-1	CS-200	Intro to Object Oriented Prog C++	3	CS-130 or CS-150
2-1	CS-120	Intro to Programming Using Python	3	CS-130 or CS150
2-1	TBD	General Elective 1 of 4	3	Recommend IAE-260 or 261 or 310
2-1	IAE-260 or IAE-261	Secure Systems Administration & Operations: UNIX or Secure Systems Administration & Operations: Windows	3	IAE-201 & CT-152 & CS150
2-1	MA-128	Statistics	3	MA-110 or MA-112 or higher
2-2	IAE-250	Comprehensive Computer Network Security (Sec Plus)	3	IAE-260 or 261 New
2-2	BUS-101	Introduction to Data Science	3	MA-128 or consent of department
2-2	CS-220	Database Management	3	CS-130 or CS-150
2-2	CS-230	Data Structures	3	CS-225, or CS-200, or CS 130 and corequ MA124
2-2	CT-240	Internetworking with Router/Switch	3	NT-150
YEAR 3				
3-1		Social Science Elective 1/2		Varies
3-1	IAE-321	Applied Wireless Net Security	3	IAE-250 and CT-240
3-1	IAE-325 or TC-319	Secure Data Communications or Network Infrastructure Security	3	IAE-325 IAE-250 and CT-152 or TC-319 CT-240
3-1	CS-250	Introduction to Network Programming Using C	3	CS-230
3-1	TBD	General Elective 2 of 4	3	Varies, Recommend BUS-174
3-2	CS-300	Secure Coding	3	CS-250
3-2	IAE-390	Penetration Testing	3	CT-240 and IAE-260/261
3-2	IAE-402	Introduction to Incident Handling and Malicious Code	3	IAE-260/261
3-2	TBD	General Elective 3 of 4	3	Recommend IAE-351
3-2	BUS-301	Project Management	3	EN101
YEAR 4				
4-1	CS-418	Operating Systems	3	CS-150, CT-152, CS-230, and Senior status
4-1	IAE-457	Senior Design Project II	3	Greater than 90 credits
4-1	IAE-405	Malware Analysis/Reverse Engineering	3	IAE-402
4-1	IAE-406	Digital Forensics and the Investigative Process	3	IAE-260/261 and CT152
4-1	TBD	General Elective 4 of 4	3	Varies
4-2	IAE-458	Senior Design Project II	3	IAE-457
4-2	SS-351	Ethics	3	EN-102
4-2	HU-331	Arts and Ideas	3	EN-102
4-2	TBD	Humanities 2/2	3	Varies
4-2	TBD	Social Science Elective 2/2	3	Varies

**CCC AAS Cybersecurity
to
CAPITOL TECHNOLOGY UNIVERSITY BS Cybersecurity
Degree Completion Plan**

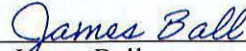
<p>Fall Semester (18 Credits)</p> <p>CS-150 CS-120 EN-102 IAE-260 MA-112 * Science Elective (1/1) *</p>	<p>Spring Semester (18 Credits)</p> <p>BUS-101 CS-220 CS-230 MA-124 IAE-250 IAE-321</p>
<p>Fall Semester (18 Credits)</p> <p>BUS-301 CS-250 IAE-457 IAE-402 MA-128 * Social Science Elective *</p>	<p>Spring Semester (18 Credits)</p> <p>CS-300 CS-418 General Elective (4/4) * HU-331 IAE-405 IAE-458</p>
<p>(*) Can be taken at Carroll Community College prior to or after transfer to Capitol</p>	

Authorizing Signatures

This agreement is authorized for implementation on the 18th day of October, 2021



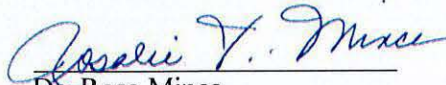
Bradford L. Sims, Ph.D.
President
Capitol Technology University



Dr. James Ball
President
Carroll Community College



Mitchell Levy, Ph. D.
Dean of Academics
Capitol Technology
University



Dr. Rose Mince
Provost
Carroll Community College

TRANSFER SCHOLARSHIPS


Eligibility requires completion of your degree (A.S./A.A.S) at the community college. Students are eligible for additional scholarships for which they qualify as well as federal grants and loans.

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**

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							
3.9		\$10,000	\$10,000	\$10,000	\$9,500	\$9,000	\$8,500
3.8		\$10,000	\$10,000	\$9,500	\$9,000	\$8,500	\$8,000
3.7		\$10,000	\$9,500	\$9,000	\$8,500	\$8,000	\$7,500
3.6		\$9,500	\$9,000	\$8,500	\$8,000	\$7,500	\$7,000
3.5		\$9,000	\$8,500	\$8,000	\$7,500	\$7,000	\$6,500
3.4		\$8,500	\$8,000	\$7,500	\$7,000	\$6,500	\$6,000
3.3		\$8,000	\$7,500	\$7,000	\$6,500	\$6,000	\$5,500
3.2		\$7,500	\$7,000	\$6,500	\$6,000	\$5,500	\$5,000
3.1		\$7,000	\$6,500	\$6,000	\$5,500	\$5,000	\$5,000
3.0		\$6,500	\$6,000	\$5,500	\$5,000	\$5,000	\$4,500
		\$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.*

It's your move now!

Get more information and fill out a free online application.

Visit www.captechu.edu or call 800.950.1992



Degree Programs

- *Aeronautical 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*

The Capitol Job Guarantee

We guarantee our qualified bachelor's degree graduates placement in their field with a competitive salary within 90 days of graduation! Get all the details at www.captechu.edu.

