



**Agreement Between College of Southern Maryland (CSM) and  
Capitol Technology University (Capitol) for the Articulation of the A. A. S. in  
Cybersecurity to Capitol Technology University B. S. in Cyber and Information Security**

**PURPOSE**

This agreement facilitates the transfer of College of Southern Maryland (CSM) students who graduate with an A. A. S. in Information Systems Security to the B. S. in Cyber and Information Security (BSCIS) as well as to the M.S. in Cyber and Information Security (MSCIS) at Capitol Technology University (Capitol). This agreement defines the terms of the transfer agreement.

The goals inherent in the agreement are to:

1. Facilitate students' transfer from the A. A. S. in Information Systems Security at CSM to the B. S. Cyber and Information Security program at Capitol as efficiently as possible.
2. Facilitate students' admission into Capitol's MSCIS program after completing the A. A. S. in Information Systems Security at CSM and possessing 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 CSM A. A. S. in Information Systems Security graduates to earn a B. S. in Cyber and Information Security at Capitol as a means to advance their careers in the associated field.

**ARTICULATION AGREEMENT**

CSM and Capitol agree to offer articulated programs leading to the award of an A. A. S. in Information Systems Security and a B. S. in Cyber and Information Security. The two institutions further agree that students from CSM, under the articulation agreement, may transfer credits earned for the A. A. S. in Information Systems Security toward the B. S. in Cyber and Information Security 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 Information Systems Security at CSM to transfer specific courses in which they have earned the grade of C or higher. The number of courses transferred may not exceed 69 credit hours (half the degree per Maryland law). However, students with transfer credits from 4-year institutions may request evaluation of those credits for additional transfer. The credit hours transferred from CSM contribute to the fulfillment of the 129/131 credit hours required for baccalaureate completion (BSCIS) at Capitol.
2. The course transfer table included with this document specifies courses that will transfer from CSM 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).

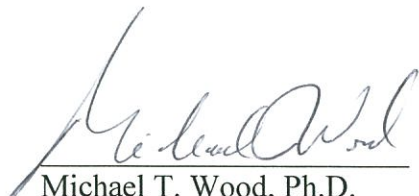
4. For a smooth transition, students at CSM may start taking courses in the Cyber and Information Security program at Capitol while they are completing the A. A. S. degree at CSM. However; students are advised to complete the A. A. S. degree prior to officially transferring to Capitol.
5. If CSM and 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. CSM students who complete the A. A. S. in Information Systems Security with a 2.5 grade point average will be automatically accepted into the 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. At the request of the CSM Vice President for Academic Affairs, the Capitol Academic Dean will provide general information on the academic progress of CSM students enrolled in the Capitol BSCIS program. Any feedback must adhere to FERPA.
8. CSM and Capitol agree to monitor the performance if this agreement and to revise as necessary.
9. CSM and Capitol agree to publicize this agreement.
10. The course transfer table is subject to a five-year review for updating and revising as necessary by the appropriate CSM and Capitol officials without affecting the signed agreement.
11. 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 Information Systems Security program who are taking courses at Capitol or who have been accepted into the BSCIS at Capitol.
12. 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 Information Systems Security at CSM, the B. S in Cyber and Information Security at Capitol and who have a GPA of 3.0 or greater will be accepted into the M.S. in Cyber and Information Security. 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.

## Authorizing Signatures


This agreement is authorized for implementation on the 24<sup>th</sup> day of November, 2015



Michael T. Wood, Ph.D.  
President  
Capitol Technology University



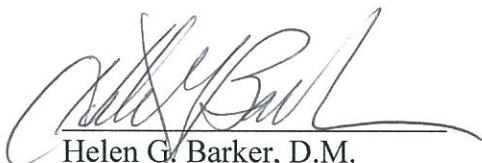
Bradley M. Gottfield, Ph.D.  
President  
College of Southern Maryland



W. V. Maconachy, Ph.D.  
VP Academic Affairs, CAO



Eileen D. Abel, Ph.D.  
VP for Academic Affairs



Helen G. Barker, D.M.  
Dean Business and Info. Sciences



Bernice D. Brezina, M.S.  
Division Chair

**Course Transfer Table**  
**College of Southern Maryland A.A.S. in Information Systems Security to**  
**Capitol Technology University B.S. in Cyber and Information Security**  
**(129/131 Credits)**

COURSE NUMBER, TITLE and NUMBER of CREDITS			COURSE NUMBER, TITLE and NUMBER of CREDITS		
<b>Programming and Computer Courses</b>		<b>32 Credits</b>	<b>English/Humanities/Social Sciences</b>		<b>27/28 Credits</b>
		Transferred Course			Transferred Course
CS-130	Computer Science Fundamentals I (4)		FS-100	Freshman Seminar (1)	WAIVE
CS-220	Database Management (3)		EN-101	English Communications I (3)	ENG 1010
CS-230	Computer Science Fundamentals II (3)		EN-102	English Communications II (3)	
CS-320	Database Administration (3)		EN-408	Writing Semi in Tech Research (3)	
CS-418	Operating Systems (3)	ITS 1020	HU-331 or HU-332	Arts and Ideas (3)	
CS-150	Intro to Programming using C (4)		SS-351	Ethics (3)	ITS 2940
CT-152	Introduction to Unix (3)	ITS 1960		Arts & Humanities Elective (3)	ENG-2050
CT-206	Scripting Languages (3)			Arts & Humanities Elective (3)	COM 1010
CT-240	Internetworking w/Rtters/Switches (3)	ITS 2516		Social Science Elective (3)	Elective
SE-458	Senior Project (3)			Social Science Elective (3)	ITS 1015
<b>Information Assurance Courses</b>		<b>27 Credits</b>	<b>General Electives</b>		<b>19-21 Credits</b>
IAE-201	Introduction to IA Concepts (3)	ITS 2090	ITS 2190		3
IAE-301	Comp Cmptr/Ntwk Security (3)	ITS 2536	ITS 2526		3
IAE-315	Secure Sys Admin & Operation (3)		ITS 2511		3
IAE-321	Applied Wireless Ntwk Security (3)		ITS 2521		3
IAE-325	Secure Data Commun and Crypt (3)		ITS 2545		3
IAE-402	Intro to Inc Handling/Mal Code (3)				
IAE-405	Malware Analysis/Reverse Engrg (3)				
IAE-406	Forensic Investigative Processes (3)	ITS 2550			
IAE-410	Design and Testing (3)	ITS 2500			
<b>Mathematics and Science Courses</b>		<b>17 Credits</b>			
MA-114	Algebra and Trigonometry (4)	See NOTE 1: Mathematics			
MA-124	Discrete Math (3)				
MA-128	Introduction to Statistics (3)				
MA-261	Calculus I (4)				
	Science Elective (3)	Science Elective	<b>TOTAL CREDITS</b>		<b>61</b>
<b>Management Courses</b>		<b>6 Credits</b>			
BUS-174	Intro/Business and Management (3)				
BUS-301	Project Management (3)				

NOTE 1: Mathematics recommendation:

MTH 1150 transfers as MA 114  
MTH 1200 transfers as MA 261  
MTH 2300 transfers as MA 128

NOTE 2: Recommendations for additional courses up to a total of 69 credits:

ENG 1020 transfers as EN 102  
BAD 1210 transfers as BUS 174  
BAD 1780 transfers as BUS 174  
ECN 1015 transfers as BUS 174  
ITS 2591 or ITS 2592 transfer as CS 130. If both are taken one could transfer as a CTU  
General Elective.  
There is an opportunity for one 100-200 level course that transfers as a CTU General  
Elective.  
TS 2300 transfers as BUS 301  
ITS 1390 transfers as CS 230