

**Agreement between College of Southern Maryland (CSM) and Capitol Technology University (Capitol Tech) for the Articulation of the following Associate of Science in Engineering in Electrical Engineering at College of Southern Maryland (CSM) to the following B.S. degrees at Capitol Tech: Electrical Engineering**

**PURPOSE**

This agreement facilitates the transfer of CSM students who graduate with an Associate of Science in Engineering in Electrical Engineering to the B.S. in Electrical Engineering at Capitol Tech. 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 Electrical Engineering after completing the Associate of Science in Engineering in Electrical Engineering.
2. Establish a clear set of understandings and expectations for institutions, students, and their respective degrees.
3. Establish a pathway for CSM A.S.E. Electrical Engineering graduates to earn a B. S. degree in Electrical Engineering at Capitol Tech to advance their careers in the associated field.

**ARTICULATION AGREEMENT**

CSM and Capitol Tech agree that students from CSM, under the articulation agreement, may transfer credits earned for the A.S.E. Electrical Engineering towards a B. S. degree in Electrical Engineering at Capitol Tech. The following general principles guide the implementation of this agreement:

1. The program is designed for graduates of the A.S.E. Electrical Engineering 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 70 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 CSM contribute to the fulfillment of the 120/121 credit hours required for baccalaureate completion at Capitol Tech.
2. The course transfer tables included with this document specifies courses that may transfer from CSM to Capitol Tech.
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. Students are advised to complete the A.S.E. degree prior to officially transferring to Capitol Tech.
5. CSM students who complete the A.S.E. Electrical Engineering with a 2.5 grade point average will be automatically accepted into the B.S. in Electrical Engineering degree program at Capitol Tech.
6. Students who complete the associates degree with a GPA of 3.0 or higher and subsequently attend Capitol in either an on campus or synchronous online program full-time will receive

transfer scholarships of up to \$10,000 per year.

7. Students who transfer to Capitol's asynchronous eight-week term programs will qualify for the partner tuition rate (\$360 per credit hour for 2020-2021)
8. At the request of CSM, Capitol Tech will provide general information on the academic progress of CSM students enrolled in any of the Capitol Tech's B.S. programs. Any feedback must adhere to FERPA requirements.
9. The Capitol Tech BS in Construction Safety is a Board of Certified Safety Professionals (BCPS) QAP program. Upon graduation, graduates of a BCPS QAP program like this are eligible to apply for the Graduate Safety Practitioner® (GSP®), a BCSP-approved credential necessary to apply for the Certified Safety Professional® (CSP®). In order for Capitol Tech to obtain this status, all the safety, math, and science courses we offer in this program include their mandatory criteria.
10. CSM and Capitol Tech agree to monitor the performance of this agreement when any changes to program curriculum occur.
11. CSM and Capitol Tech agree to publicize this agreement on their web sites.
12. The course transfer tables are subject to a five-year review for updating and revising as necessary by the appropriate CSM and Capitol Tech officials without affecting the signed agreement.
13. 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.S.E. Electrical Engineering who are taking courses at Capitol or who are accepted into the Electrical Engineering at Capitol Tech.
14. 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.

**Course Transfer Table**  
**A.S.E. Electrical Engineering at College of Southern Maryland to**  
**B.S. Electrical Engineering at Capitol Technology University**

**Bachelor of Science (120 Credits)**

<b>COURSE NUMBER, TITLE and NUMBER of CREDITS</b>			<b>COURSE NUMBER, TITLE and NUMBER of CREDITS</b>		
<b>Engineering</b>			<b>Math/Science</b>		
<b>63 Credits</b>			<b>33 Credits</b>		
Transferred course			Transferred course		
EL 100 Introduction to DC/AC Circuits (3)	EGR 1100 (2) + EGR 2310L (1)		MA-261 Calculus I (4)	MTH 1200 (4)	
EL 150 DC/AC Circuits and Analysis (3)	EGR 2310 (3)		MA-262 Calculus II (4)	MTH 1210 (4)	
EL-200 Electronic Devices/Circuits (3)			MA-263 Calculus III (4)	MTH 2200 (4)	
EL-204 Digital Electronics (3)	EGR 2440 (3)		MA-340 Ordinary Differential Equations (3)	MTH 2210 (3)	
EL-250 Advanced Analog Circuits (3)			MA-345 Probability/Stats for Engineers (3)		
EL-261 Intro/Commun Circuits/Systems (3)			PH-261 Engineering Physics I (4)	PHY 1210 (3) + PHY 1210L (1)	
EL-262 Microprocessors/Microassembly (3)	EGR 1440 (3)		PH-262 Engineering Physics II (4)	PHY 2200 (3) + PHY 2200L (1)	
CS-150 Intro/Programming Using C (3)	CSC 1390 (3)		PH-263 Engineering Physics III (4)	PHY 2210 (3) + PHY 2210L (1)	
EE-304 Digital Design I (3)			CH-120 Chemistry (3)	CHE 1350 (3)	
EE-309 Circuit Design and Simulation (3)					
EE-359 High Frequency Circuit Design (3)					
EE-362 Microcontroller System Design (3)			<b>Humanities/Social Sciences</b>		
EE-406 Signals and Systems (3)			<b>18 Credits</b>		
EE-409 Network Analysis and Synthesis (3)			BUS-301 Project Management (3)	ECN 1015 (3) (See Note 1)	
EE-453 Control I (3)			HU-331 <b>OR</b> HU-332 Arts and Ideas (3)		
EE-456 Digital Signal Processing (3)			SS-351 Ethics (3)		
EE-457 Senior Design Project I (3)			Social Science Elective (3)	Elective	
EE-458 Senior Design Project II (3)			Humanities Elective (3)	Elective	
EE-460 Electromagnetic Fields (3)			Humanities Elective (3)	Elective	
EE-461 Communications Theory (3)					
Engineering Elective (3)	EGR 1440 (3) OR EGR 2222 (3)		<b>English Communications</b>		
			<b>6 Credits</b>		
			EN-101 English Communications I (3)	ENG 1010 (3)	
			EN-102 English Communications II (3)		
			<b>Total transfer credits = 63</b>		
<b>Note 1</b> Students do not have room for a second social science transfer; however students who take ECN 1015 may substitute it for BUS 301 at Capitol.					

## Authorizing Signatures

This agreement is authorized for implementation on the \_\_\_\_\_ day of \_\_\_\_\_, 2020.

Jul 28, 2020

*Bradford L. Sims*

Bradford L. Sims (Jul 28, 2020 14:07 EDT)

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Bradford L. Sims, PhD  
President  
Capitol Technology University

*Eileen Abel*

Eileen Abel (Jul 8, 2020 14:52 EDT)

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Dr. Eileen Abel  
Vice President of Academic Affairs  
College of Southern Maryland

*Steve McCaskey*

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Stephen J. McCaskey, PhD  
VP for Academic Affairs  
Capitol Technology University






# Capitol Technology University ASE Electrical Engineering to BS Electrical Engineering

Final Audit Report

2020-07-08

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