



**Agreement Between College of Southern Maryland (CSM) and Capitol Technology University (CTU) for the Articulation of the A.S.E. Electrical Engineering at College of Southern Maryland to B.S. in Electrical Engineering at Capitol Technology University**

**PURPOSE**

This agreement facilitates the transfer of College of Southern Maryland (CSM) students who graduate with an A.S.E. in Electrical Engineering to the B. S. in Electrical Engineering (BSEE) as well as to the M.S. in Electrical Engineering or M.B.A. (MBA) at Capitol Technology University. This agreement defines the terms of the transfer agreement.

The goals inherent in the agreement are to:

1. Facilitate students' transfer from the A.S.E. in Electrical Engineering at CSM to the B. S. Electrical Engineering program at CTU as efficiently as possible.
2. Facilitate students' admission into CTU's MSEE or MBA program after completing the A.S.E. in Electrical Engineering 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.S.E. in Electrical Engineering graduates to earn a degree in Electrical Engineering at CTU as a means to advance their careers in the associated field.

**ARTICULATION AGREEMENT**

CSM and CTU agree to offer articulated programs leading to the award of an A.S.E. in Electrical Engineering and a B. S. in Electrical Engineering. The two institutions further agree that students from CSM, under the articulation agreement, may transfer credits earned for the A.S.E. in Electrical Engineering toward the B. S. in Electrical Engineering at CTU. The following general principles guide the implementation of this agreement:

1. The program is designed for graduates of the A.S.E. degree in 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 68 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 134 credit hours required for baccalaureate completion (BSEE) at CTU.
2. The course transfer table included with this document specifies courses that will transfer from CSM to CTU.
3. CTU 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 Electrical Engineering program at CTU while they are completing the A.S.E. degree at CSM. However; students are advised to complete the A.S.E. degree prior to officially transferring to CTU.

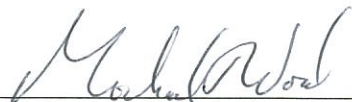
5. If CSM and CTU develop a dual enrollment program, this articulation agreement will not prevent students from applying for, participating in, or receiving the benefits of dual enrollment. Those students would then be subject to the dual enrollment program criteria.
6. CSM students who complete the A.S.E. in Electrical Engineering with a 2.5 grade point average will be automatically accepted into the bachelor's degree program at CTU and will be given consideration for financial assistance and will be eligible to compete for academic scholarships at CTU. Students who finish the A.S.E. degree with a GPA of 3.0 or higher and subsequently attend CTU full-time will be considered for larger scholarship under a special program. The scholarship table is attached to this document.
7. At the request of the CSM Vice President for Academic Affairs, the CTU Academic Dean will provide general information on the academic progress of CSM students enrolled in the CTU BSEE program. Any feedback must adhere to FERPA.
8. CSM and CTU agree to monitor the performance of this agreement and to revise as necessary.
9. CSM and CTU 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 CTU 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.S.E. in Electrical Engineering program who are taking courses at CTU or who have been accepted into the BSEE at CTU.
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.S.E. degree in Electrical Engineering at CSM, the B.S. in Electrical Engineering at CTU and who have a GPA of 3.0 or greater will be accepted into the M.S. in Electrical Engineering or the MBA. 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

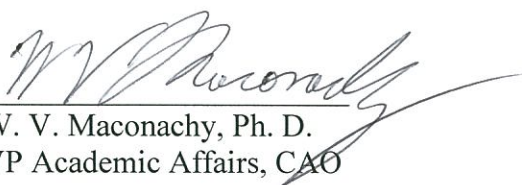
This agreement is authorized for implementation on the 8<sup>th</sup> day of January, 2018<sup>6</sup> *new*



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



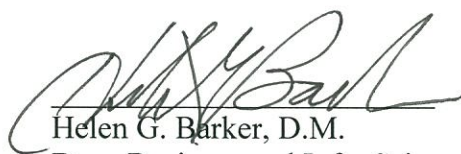
Bradley Gottfried, Ph.D.  
President  
College of Southern Maryland



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



Eileen Abel, Ph.D.  
VP for Academic Affairs



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



Andrea Ronaldi, M.A.  
Division Chair

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

Bachelor of Science (136 Credits)

COURSE NUMBER, TITLE and NUMBER of CREDITS		COURSE NUMBER, TITLE and NUMBER of CREDITS	
<b>Technical Prerequisites</b>		<b>21 Credits</b> Transferred course	
<b>Math/Science</b>		<b>39 Credits</b> Transferred course	
EE-159 Circuit Theory (4)	EGR 2310 (3) plus EGR 2310L (1)	CH-120 Chemistry (3)	CHE 1350 (3)
EL-200 Electronic Devices/Circuits (4)		MA-230 Intro/Matlab (3)	EGR 2222 (3 of 4 credits)
EL-204 Digital Electronics (3)	EGR 2440 (3)	MA-261 Calculus I (4)	MTH 1200 (4)
EL-250 Advanced Analog Circuits (4)		MA-262 Calculus II (4)	MTH 1210 (4)
EL-261 Intro/Commun Circuits/Systems (3)		MA-263 Calculus III (4)	MTH 2200 (4)
EL-262 Microprocessors/Microassembly (3)		MA-340 Ordinary Differential Equations (3)	MTH 2210 (3 of 4 credits: see EE 159 for use of 4 <sup>th</sup> credit)
<b>Engineering</b>		<b>46 Credits</b>	
CS-150 Intro/Programming Using C (4)	ITS 1390 (4)	MA-345 Probability/Stats for Engineers (3)	
EE-304 Digital Design I (3)		MA-360 Laplace/Fourier Analysis (3)	
EE-309 Circuit Design and Simulation (3)		PH-261 Engineering Physics I (4)	PHY 1210 (3) plus PHY 1210L (1)
EE-359 High Frequency Circuit Design (3)		PH-262 Engineering Physics II (4)	PHY 2200 (3) plus PHY 2200L (1)
EE-362 Microcontroller System Design (3)	EGR 1440 (3 of 4 credits)	PH-263 Engineering Physics III (4)	PHY 2210 (3) plus PHY 2210L (1)
		<b>Humanities/Social Sciences</b>	
EE-406 Signals and Systems (3)		BUS-301 Project Management (3)	ECN 1015 Social Science Elective (see notes)
EE-409 Network Analysis and Synthesis (3)		FS-100 Freshman Seminar (1)	WAIVE
EE-419 Electrostatics (3)		HU-331 OR HU-332 Arts and Ideas (3)	
EE-453 Control I (3)		SS-351 Ethics (3)	
EE-456 Digital Signal Processing (3)		Social Science Elective (3)	Elective
EE-458 Senior Project (3)		Arts Elective (3)	Elective
EE-459 Electromagnetic Field Theory (3)		Humanities Elective (3)	Elective
EE-461 Communications Theory (3)			
Engineering Elective (3)	EGR 1100 (3)	<b>English Communications</b>	
Engineering Elective (3)	EGR 1440 (1 of 4 credits) + EGR 2440L (2)	<b>9 Credits</b>	
		EN-101 English Communications I (3)	ENG 1010 (3)
		EN-102 English Communications II (3)	
		EN-408 Writing Sem in Tech Research (3)	
		<b>TOTAL TRANSFER CREDITS = 68</b>	

**NOTES:**

- Students do not have room for a second social science transfer; however students who take ECN 1015 may substitute it for BUS 301 at CTU.

## TRANSFER SCHOLARSHIPS

Eligibility requires completion of your degree (A.S./A.A.S/A.S.E.) 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**

### 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*

### 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.

### The Capitol Job Guarantee

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