

Agreement Between College of Southern Maryland (CSM) and Capitol Technology University (CTU) for the Articulation of the A.S. 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. in 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. in 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. 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. 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. in 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. 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. degree in 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 Engineering program at CTU while they are completing the A.S. degree at CSM. However; students are advised to complete the A.S. degree prior to officially transferring to CTU.

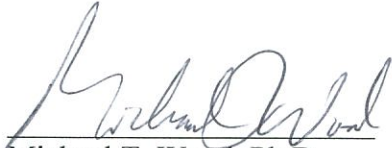
5. If CSM and CTU develop a dual enrollment program, this articulation agreement will not prevent students from applying for, participating in, or receiving the benefits of dual enrollment. Those students would then be subject to the dual enrollment program criteria.
6. CSM students who complete the A.S. in 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. 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 if 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. 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. degree in 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 8th day of January, 201~~8~~⁶ mar



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Course Transfer Table
A.S. 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		
Technical Prerequisites		21 Credits Transferred course	Math/Science		39 Credits Transferred course
EE-159 Circuit Theory (4)		EGR 2310 (3) plus EGR 2310L (1) Recommended elective 3 rd semester	CH-120 Chemistry (3)		CHE 1350 (3)
EL-200 Electronic Devices/Circuits (4)			MA-230 Intro/Matlab (3)		EGR 2222 (3 of 4 credits) Recommend elective 4 th semester
EL-204 Digital Electronics (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)
Engineering		46 Credits	MA-345 Probability/Stats for Engineers (3)		
CS-150 Intro/Programming Using C (4)		ITS 1390 (4) Recommend elective 4 th semester	MA-360 Laplace/Fourier Analysis (3)		
EE-304 Digital Design I (3)			PH-261 Engineering Physics I (4)		PHY 1210 (3) plus PHY 1210L (1)
EE-309 Circuit Design and Simulation (3)			PH-262 Engineering Physics II (4)		PHY 2200 (3) plus PHY 2200L (1)
EE-359 High Frequency Circuit Design (3)			PH-263 Engineering Physics III (4)		PHY 2210 (3) plus PHY 2210L (1)
EE-362 Microcontroller System Design (3)			Humanities/Social Sciences		19 Credits
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)	English Communications		9 Credits
Engineering Elective (3)		EGR 1210 (3)	EN-101 English Communications I (3)		ENG 1010 (3)
			EN-102 English Communications II (3)		
			EN-408 Writing Sem in Tech Research (3)		
			TOTAL TRANSFER CREDITS = 62		

NOTES:

1. 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.
2. Students may transfer 6 additional credits to a maximum of 68 from CSM. Recommended courses are: EGR 2440 transfers as EL 204; ENG 1020 transfers as EN 102; PHL 1400 or PHL 1430 transfer as SS 351.

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	\$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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Degree Programs

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- *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.



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