



**Agreement Between Baltimore City Community College (BCCC) and Capitol Technology University (CTU) for the Articulation of the A.S. in Electrical Engineering at BCCC to B.S. in Electrical Engineering at CTU.**

**PURPOSE**

This agreement facilitates the transfer of BCCC students who graduate with an A.S. in Electrical Engineering to the B. S. in Electrical Engineering (BSEE) as well as to the M.S. in Electrical Engineering at CTU. This agreement defines the terms of the transfer agreement.

The goals inherent in the agreement are to:

1. Facilitate student admission to and establish a pathway to completion for the B.S. in Electrical Engineering program after completing the A.S. in Electrical Engineering.
2. Facilitate student admission to the M.S. in Electrical Engineering 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.

**TERMS:** This Articulation Agreement commences on January 1, 2016 and is in effect until June 30, 2021 and will automatically renew unless terminated by either of the parties as set forth below.

**ARTICULATION AGREEMENT**

The two institutions further agree that students from BCCC, 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 Electrical Engineering at BCCC 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 BCCC contribute to the fulfillment of the 136 credit hours required for baccalaureate completion (B.S. EE) at CTU.
2. The course transfer table included with this document specifies courses that will transfer from BCCC 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 BCCC may start taking courses in the Electrical Engineering program at CTU while they are completing the A.S. degree at BCCC. However, students are advised to complete the A.S. degree prior to officially transferring to CTU.
5. If BCCC 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. BCCC students who complete the A.S. in Electrical Engineering with a 2.5 grade point average will be automatically accepted into the B.S. in Electrical Engineering 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.
7. At the request of the BCCC Academic Dean, the CTU Academic Dean will provide general information on the academic progress of BCCC students enrolled in the CTU B.S. Electrical Engineering program. Any feedback must adhere to FERPA.
8. BCCC and CTU agree to monitor the performance of this agreement and to revise as necessary.
9. BCCC 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 BCCC 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 B.S. Electrical Engineering 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 Electrical Engineering at BCCC, 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. Consideration will also be given to other Master degrees for which the student is qualified. 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.



NOTE: HLF electives will not transfer for this degree.  
Recommendations for up to 9 additional transfer credits:

- ITSA 125 or PHI 105 transfer as SS 351.
- ELC 131 transfers as EE 200.
- ELC 132 transfers as EE 250.

## 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.

It's your move now!

Get more information and fill out a free online application.

Visit [www.capttechu.edu](http://www.capttechu.edu) or call 800.950.1992



### Degree Programs

- Astronautical 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.capttechu.edu](http://www.capttechu.edu).



**CAPITOL  
TECHNOLOGY  
UNIVERSITY**

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## Articulation Agreement

### Baltimore City Community College A.S. in Electrical Engineering to the Capitol Technology University B.S. in Electrical Engineering

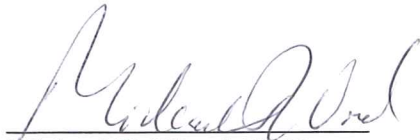
Students graduating from BCCC with an A.S. degree in Electrical Engineering may transfer up to 68 approved credit hours, with a minimum grade of 'C' required in each course transferred, towards the B.S. in Electrical Engineering degree at CTU. This table specifies BCCC A.S. Electrical Engineering course equivalencies up to 63 credits. Additional BCCC and other transfer courses will be evaluated for transfer on a course-by-course basis.

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)	ELC 120 + ELC 121 (4)		CH-120 Chemistry (3)	CHE 101 (3 of 4 credits) see CSC 108 for use of 4 <sup>th</sup> credit
	EL-200 Electronic Devices/Circuits (4)			MA-230 Intro/Matlab (3)	EGN 205 (1) ELC 121 (1 of 3 credits) MAT 211 (1 of 4 credits)
	EL-204 Digital Electronics (3)	ELC 256 (3)		MA-261 Calculus I (4)	MAT 140 (4)
	EL-250 Advanced Analog Circuits (4)			MA-262 Calculus II (4)	MAT 141 (4)
	EL-261 Intro/Commun Circuits/Systems (3)			MA-263 Calculus III (4)	MAT 210 (4)
	EL-262 Microprocessors/Microassembly (3)			MA-340 Ordinary Differential Equations (3)	MAT 211 (3 of 4 credits)
<b>Engineering</b>		<b>46 credits</b>		MA-345 Probability/Stats for Engineers (3)	
	CS-150 Intro/Programming Using C (4)	CSC 108 (3 + 1 from CHE 101)		MA-360 Laplace/Fourier Analysis (3)	
	EE-304 Digital Design I (3)			PH-261 Engineering Physics I (4)	PHY 203 (4 of 5 credits)
	EE-309 Circuit Design and Simulation (3)			PH-262 Engineering Physics II (4)	PHY 204 (4 of 5 credits)
	EE-359 High Frequency Circuit Design (3)			PH-263 Engineering Physics III (4)	
	EE-362 Microcontroller System Design (3)		<b>Humanities/Social Sciences</b>		<b>19 Credits</b>
	EE-406 Signals and Systems (3)			BUS-301 Project Management (3)	
	EE-409 Network Analysis and Synthesis (3)			FS-100 Freshman Seminar (1)	PRE 100 (1)
	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)	ECO 201 (3)
	EE-458 Senior Project (3)			Humanities Elective (3)	SP 101 (3)
	EE-459 Electromagnetic Field Theory (3)			Humanities Elective (3)	H 101 or H 151 (3)
	EE-461 Communications Theory (3)				
	Engineering Elective (3)	EGN 101 (3)	<b>English Communications</b>		<b>9 Credits</b>
	Engineering Elective (3)	ELC 121 (1 of 3 credits), PHY 204 (1 of 5 credits) and PHY 203 (1 of 5 credits)		EN-101 English Communications I (3)	ENG 101 (3)
				EN-102 English Communications II (3)	ENG 200 (3) (Gen Ed Elective)
				EN-408 Writing Sem in Tech Research (3)	

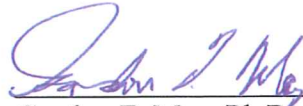
**TOTAL TRANSFER CREDITS = 62**

## Authorizing Signatures

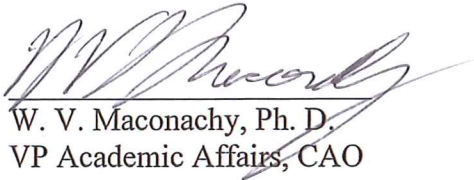
This agreement is authorized for implementation on the 1st day of \_January, 2016



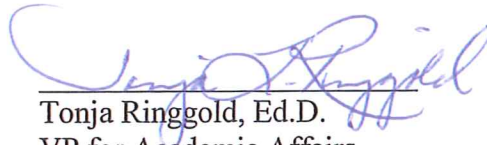
Michael T. Wood, Ph.D.  
President  
Capitol Technology University



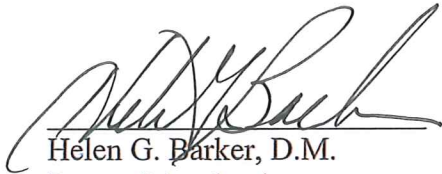
Gordon F. May, Ph.D.  
President  
Baltimore City Community College



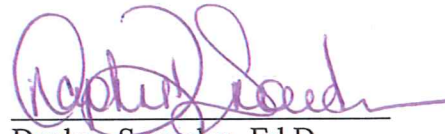
W. V. Maconachy, Ph. D.  
VP Academic Affairs, CAO



Tonja Ringgold, Ed.D.  
VP for Academic Affairs



Helen G. Barker, D.M.  
Dean of Academics



Daphne Snowden, Ed.D  
Dean of Academic Operations  
& Services

Approved for Form & Legal Sufficiency



Signature