☒ **New Agreement** ☐ **Revised Agreement** ☐ **Provisional Agreement**
☒ **Effective Date: July 11, 2025** ☒ **Next Review Date: July 11, 2027**

ACADEMIC PROGRAM ARTICULATION AGREEMENT BETWEEN WOR-WIC COMMUNITY COLLEGE AND UNIVERSITY OF MARYLAND EASTERN SHORE REGARDING THE TRANSFER FROM ASSOCIATE OF SCIENCE IN STEM, ENGINEERING CONCENTRATION TO BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

This Academic Program Articulation Agreement ("Agreement") is entered into by and between Wor-Wic Community College (the "Sending Institution") and the University of Maryland Eastern Shore (the "Receiving Institution") (collectively, the "Institutions") to facilitate the transfer of academic credits from the STEM, Engineering Concentration, Associate degree, for the completion of Electrical Engineering, Bachelor's degree (the "Program(s)"):

Institution	Program ID/Title	Award Type	Statewide CIP
Wor-Wic Community College	490200 – STEM, Engineering Concentration	Associate's Degree	419999
University of Maryland Eastern Shore	090900 – Electrical Engineering	Bachelor's Degree	141001

A. Qualifying Students

This Agreement pertains to the transfer of "Qualifying Students", *i.e.*, those students who:
1. Have completed the STEM, Engineering Concentration at Wor-Wic Community College in good standing and with a minimum CGPA of 2.0/4.0;
2. Are accepted for admission to the University of Maryland Eastern Shore; and
3. Are enrolled in Electrical Engineering.

B. Responsibilities of the Institutions

The Institutions agree to implement the transfer of Qualifying Students in accordance with applicable law and the following requirements and protocols:

1. A Qualifying Student may transfer from Wor-Wic Community College to the University of Maryland Eastern Shore for the completion of the Bachelor of Science in Electrical Engineering.

2. Courses that the University of Maryland Eastern Shore will accept credits for towards completion of the Bachelor of Science in Electrical Engineering:

PROGRAM ARTICULATION TABLE

	Wor-Wic Community College	University of Maryland Eastern Shore
Program name	STEM, Engineering Concentration	Electrical Engineering
Award Type (e.g., AAS)	AS	BS
Credit Length	60	120

SECTION A - General Education

Wor-Wic Community College			University of Maryland Eastern Shore			
Course Prefix & Number	Course Name	Credits	Course Prefix & Number	Course Name	Credits Applied	Credits NOT Applied
SDV 100	Fundamentals of College Study	1	ENGE 100	First Year Orientation with Engineering	1	
ENG 101	Fundamentals of English I	3	ENGL 101	Principles of Composition I	3	
MTH 201	Calculus I	4	MATH 112	Calculus I	4	
ENG 151	Fundamentals of English II	3	ENGL 102	Principles of Composition II	3	
SOC 101	Introduction to Sociology	3	SOCI 101	Introduction to Sociology	3	
CHM 105	General Chemistry I	4	CHEM 111/113	Principles of Chemistry I	3	1
COM 200	Interpersonal Communications	3	ENGL 203	Fundamentals of Contemporary Speech	3	
PSY 101	Introduction to Psychology	3	PYSC 100	Introduction to Psychology	3	
ART 101	Introduction to Art History	3	ARTS 101	Exploration of the Visual Arts	3	
PHY 141	Principles of Physics I	4	PHYS 161 /163	General Physics I: Mechanics and Particle Dynamics	4	
Gen Elec	General Elective: take OFT-155 or OFT-160	3	Computer Literacy Gen Ed Credits	BUAD 213 or BUED 212	3	
General Education Total		**34**		**Section A Subtotal**	**33**	**1**

Special Notes, if any: **** UMES requires the completion of 7 credits in Biological and Physical Sciences and 6 credits in Social and Behavioral Sciences as part of its general education curriculum. ****

SECTION B – Program Core / Supportive Requirement

Course Prefix & Number	Course Name	Credits	Course Prefix & Number	Course Name	Credits Applied	Credits NOT Applied
EGR 101	Introduction to Engineering Design	3	ENGE 150	Modern Engineering Design	3	
MTH 202	Calculus II	4	MATH 211	Calculus II	4	
PHY 142	Principles of Physics II	4	PHYS 262 / 264	General Physics II w/ Lab	4	
ELE 230***	Troubleshooting Electro-Mechanical Systems***	4	ENEE 472	Selected Topics in Engineering	3	1
MTH 205	Differential Equations	4	MATH 241	Differential Equations for Engineers	3	1
MTH 203	Calculus III	4	MATH 212	Calculus III	4	
PHY 243	Principles of Physics III	4	PHYS 263/265	General Physics III w/ Lab	4	
Program / Major Requirement Total		**27**		**Section A Subtotal**	**25**	2
Total College Credits Applied (sum of sections A and B)					**58**	

Special Notes, if any: **MATH 241 is a 3 credit at UMES. ** **The program does not require Statics as a program requirement. **

For Wor-Wic Students: this will be a program substitution in place of EGR-202

SECTION C - Remaining University of University of Maryland Eastern Shore Requirements

UMES (General Education)		
ENGL 305	Technical Writing	3
JEDI Course	(BUAD 311, DMST 440, ENGL 359, HUEC 230, or HUEC 463)	3
	Remaining General Education Subtotal	6

Electrical Engineering Program Core		
ENGE 170	Programming Concepts for Engineers	3
ENGE 240	Basic Circuit Theory	3
ENGE 241	Analog Circuits Lab	1
ENGE 250	Digital Logic Design	3
ENGE 251	Digital Logic Lab	1
ENEE 222	Elements of Discrete Signal Analysis	3
ENEE 354	Digital Circuits and Systems	3
ENGE 320	Statistics and Probability for Engineers	3
ENGE 340	Analog and Digital Electronics	3
ENGE 341	Analog and Digital Electronics Lab	1
ENGE 370	Computational Methods in Engineering	3
ENEE 330	Signals and Systems	3
ENEE 348	Electromagnetic Theory	3
ENCE 350	Computer Organization	3
ENGE 382	Control Systems	3
ENGE 383	Control Lab	1
ENEE 301	Introduction to Device Physics	3
ENGE 475	Engineering Seminar	1
ENGE 476	Senior Design Project I	2
ENGE 477	Senior Design Project II	2
	Electrical Engineering Program Core Subtotal	48
Electrical Engineering Major Electives		
ENEE 450	Electronic Circuit Design Lab	2
ENEE 385	Power Electronics	3
ENEE 448	Electromagnetic Wave Propagation	3
ENEE 460	Digital Signal Processing	3
ENEE 462	Digital Control Systems	3
ENEE 464	Embedded System Design Lab	2
ENEE 465	Remote Sensing and Image Processing	3
ENEE 387	Simulation and Virtual Reality	3
ENEE 422	Introduction to Machine Learning	3
ENEE 468	Robotics	3
ENEE 469	Robotics and Automation Design Lab	2
ENEE 443	Communications Systems	3
ENEE 444	Communication System Design Lab	2
ENEE 372	Computer Networks	3
ENEE 452	Artificial Intelligence	3
ENCE 352	Microprocessors and Microcomputers	3
ENCE 456	Microprocessors Design Lab	2
ENCE 454	Computer System Architecture	3
ENEE 490	Principle of Wireless Communication	3
ENEE 304	Introduction to Micro and Nanoelectronics	3
ENEE 458	VLSI Design	3
ENEE 472	Satisfied through transfer credit above***	3
	Remaining General Education Subtotal	**6**
	Remaining Program Core Subtotal	**48**
	Electrical Engineering Major Elective Subtotal	**8**
	Total Credits Applied from Transfer	**58**
	Total College Credits Applied (sum of sections A, Band C)	**120**

*Receiving Institution must indicate if the course is applied to General Education, Program/ Major requirements, or General Elective.

3. The Receiving Institution shall designate, and shall provide to the Sending Institution, the contact information for a staff person at the Receiving Institution who is responsible for the oversight of the transfer of Qualifying Students. The Sending Institution shall designate, and shall provide to the Receiving Institution, the contact information for a staff person at the Sending Institution who is responsible for the oversight of the transfer of Qualifying Students.

	Wor-Wic Community College	**University of Maryland Eastern Shore**
Name of staff person responsible for oversight	Ms. Rhoda Lukens	Dr. Etahe Johnson
Title of staff person	Registrar	Academic Support Associate / Articulation Liaison
Email address	rlukens@worwic.edu	ejohnson2@umes.edu
Telephone Number	410-334-2800	410-651-6038

Should the staff person or position change, the institution will promptly provide new contact information to the partner institution and inform the Maryland Higher Education Commission of the change.

Additional contact information:

Direct Points of Contact for Articulation Agreement	**Wor-Wic Community College**	**University of Maryland Eastern Shore**
Other staff person responsible for oversight	Dr. Stacey Hall	Dr. Willie L. Brown, Jr.
Title of staff person	Dean of STEM	Vice Provost for Faculty Affairs
Email address	shall@worwic.edu	wlbrown@umes.edu
Telephone Number		410-651-6038

4. If the Qualifying Student is using federal Title 38 VA Education Benefits (GI Bill® Education Benefits), the Institutions shall adhere to all applicable U.S. Department of Veterans Affairs' regulations, including the regulations governing the awarding prior credit, as regulated under Title 38, Code of Federal Regulations, Sections 21.4253(d)(3) and 21.4254(c)(4).

5. The transfer of Qualifying Students shall adhere to all applicable transfer requirements set forth in the Annotated Code of Maryland and the Code of Maryland Regulations.

6. Each Institution shall advise students regarding transfer opportunities under this Agreement, and shall advise students of financial aid opportunities and implications associated with the transfer.

7. Should either Institution makes changes to program requirements, the institution will inform the partner institution immediately. The articulation agreement should be updated to reflect the changes and forwarded to the Maryland Higher Education Commission.

C. Term and Termination

1. This Agreement shall become effective on the date it is signed by the appropriate and authorized representatives of each Institution.

2. The initial term of this Agreement shall be five (5) years from the effective date. Thereafter, the Agreement shall automatically renew for successive five (5)-year terms unless either Institution provides written notice of termination at least thirty (30) days prior to the expiration of the then-current term.

3. Either Institution may, at its sole discretion, terminate this Agreement by delivering thirty (30) days' written notice to the other Institution and the Maryland Higher Education Commission. If this Agreement is terminated prior to the end of the initial five (5)-year term, it shall automatically renew unless both Institutions mutually agree in writing to forego the renewal.

4. Both Institutions agree to meet once every two (2) years to review the terms of this Agreement and assess its effectiveness.

D. Amendment

1. This Agreement constitutes the entire understanding and agreement between the Institutions regarding their rights and obligations under the terms of the Agreement, superseding any prior or contemporaneous agreements or understandings.

2. This Agreement may be modified only by a written amendment executed by both Institutions.

E. Governing Law

This Agreement shall be governed by, and construed in accordance with, the laws of the State of Maryland.

F. Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement.

Electrical Engineering
G. Notice of Agreement

1. The Institutions agree to provide a copy of this Agreement, with any amendments, to the Maryland Higher Education Commission.

2. The Institutions agree to provide copies of this Agreement to all relevant individuals and departments of the Institutions, including but not limited to students, academic department chairs participating in the transfer, offices of the president, registrar's offices, and financial aid offices.

H. No Third-Party Beneficiaries

There are no third-party beneficiaries to this Agreement.

I. Representations and Warranties of the Parties

Both Institutions represent and warrant that the following shall be true and correct as of the Effective Date of this Agreement, and shall continue to be true and correct during the term of this Agreement:

1. The Institutions are and shall remain in compliance with all applicable federal, state, and local statutes, laws, ordinances, and regulations relating to this Agreement, as amended from time to time.

2. Each Institution has taken all action necessary for the approval and execution of this Agreement.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized representatives.

Signatures:

University of Maryland Eastern Shore

By: Heidi M. Anderson
Dr. Heidi M. Anderson, President

07 / 11 / 2025
Date

Wor-Wic Community College

By: Deborah Casey
Dr. Deborah Casey President

07 / 11 / 2025
Date

WLBJ 07 / 09 / 2025