An Articulation Agreement Between:
University of Wisconsin (UW) Oshkosh
Moraine Park Technical College (MPTC)

WTCS Degree Type and Program: **A.A.S. in Electromechanical Technology**
UW Degree Type and Major: **B.S. with a major in Electrical Engineering Technology**

Effective Date: July 1, 2019 **Next Review Date:** May 1, 2021
☐ New Agreement ☒ Revised Agreement – original agreement signed 16 Dec 2014
– first revision signed 29 June 2017
– second revision signed 18 July 2018

Agreement Description and Rationale:
This articulation agreement is being established in order to expand educational opportunities for students enrolled in engineering technology programs in northeast Wisconsin. Students enrolling at any higher educational institution in northeast Wisconsin will be able to start their degree at any campus and finish a bachelor's degree in engineering technology at UW Oshkosh. The B.S. degree with a major in Electrical Engineering Technology will be conferred by UW Oshkosh after the successful completion of the specified UW Oshkosh courses in residence at UW Oshkosh in addition to the UW Oshkosh courses transferred from a partnered institution. This will allow for current associate degree holders, new students, and returning students to maximize their educational experiences and decrease redundancy in courses taken and reducing time to degree.

An articulation agreement between the A.A.S. degree in Electromechanical Technology offered at MPTC and the B.S. degree in Electrical Engineering Technology at UW Oshkosh is justified by the close alignment of the curriculums, which leads to efficient transfer of credits and a natural extension of student learning in the transition from a two-year to a four-year degree program.

This articulation agreement is entered into with the understanding that both parties shall remain properly accredited with their respective accrediting bodies, to wit:

- UW Oshkosh: The Higher Learning Commission
- Moraine Park Technical College: The Higher Learning Commission

Here follows the curriculum agreed upon in this Articulation between UW Oshkosh and Moraine Park Technical College:

Admission Requirements/Conditions Specific to this Agreement:
Requirements are identical to those required for general admission to UW Oshkosh.

Articulation Transfer Agreement Terms:
The terms of this agreement apply to Moraine Park Technical College students who successfully complete the A.A.S. degree in Electromechanical Technology; meet the admission requirements set forth below for the UW Oshkosh; and enroll in the B.S. degree with a major in Electrical Engineering Technology.

A transfer course/credit articulation table illustrating the list of courses the student must complete to earn the B.S. degree with a major in Electrical Engineering Technology at UW Oshkosh; course/credit requirements fulfilled at Moraine Park Technical College; and courses the student must take at UW Oshkosh may be found in Appendix A.

Students must meet the following requirements to confer the B.S. degree with a major in Electrical Engineering Technology at UW Oshkosh:

- The minimum number of credits to earn the B.S. degree from UW Oshkosh is 120.

- A minimum cumulative GPA of 2.0.
- Upper level course work: A minimum of 35 credits must be completed at 300-level or above.
- Credits from four-year institutions: A minimum of 48 credits must be earned from four-year institutions. This does not limit the number of credits that can be transferred from WTCS institutions to UW Oshkosh.
- Credits from UW Oshkosh: A minimum of 30 credits must be earned from UW Oshkosh.
- Residency requirement: Completion of 15 of the last 30 credits earned toward the degree must be from UW Oshkosh.
- Satisfactory completion of the degree credit requirements listed in Appendix A.

Additional coursework completed at Moraine Park Technical College may be transferrable to satisfy UW Oshkosh general education or breadth requirements. These courses are listed in Appendix A or are searchable through the UW System Transfer Information System (TIS) Wizards (https://www.wisconsin.edu/transfer/wizards/).

Approved by:

University of Wisconsin Oshkosh

Colleen McDermott
Dean of College of Letters & Science Date

John Koker
Provost & Vice Chancellor Date

Andrew Leavitt
Chancellor Date

Moraine Park Technical College

James V. Eden
Vice President of Academic Affairs Date

Bonnie Baerwald
President Date

Appendix A
University of Wisconsin (UW) Oshkosh

WTCS Degree Type and Program: **A.A.S. in Electromechanical Technology**
UW Degree Type and Major: **B.S. with a major in Electrical Engineering Technology**

Effective Date: July 1, 2019
☐ Table accompanies new agreement ☒ Revised table for existing agreement

Transfer Course/Credit Articulation Table:

Moraine Park Technical College A.A.S. in Electromechanical Technology Transferable Courses/Credits				**UW Oshkosh B.S. with a major in Electrical Engineering Technology All Program Course Requirements**			
Table 1: General Education / Breadth Requirements*							
Course	Title	Gen Ed Area	Xfr Cr.	Course	Title	Gen Ed Area	Req Cr.
801 136	English Composition 1	Comm	3	WBIS 188	Writing Seminar (3 cr)	WBIS	0
				COM 111	Intro to Public Speaking (3 cr)	COMM	3
809 1xx	Social Science Course	Soc Sci	3		To Be Determined (3 cr)	XS	0
					History Course (3 cr)	XS	3
					Social Science Course (3 cr)	XS	3
					Ethnic Studies Course (3 cr)	XS, ES	3
809 166	Intro to Ethics	Soc Sci	3	PHIL 104	Ethics (3 cr)	XC	0
					English Literature (3 cr)	XC	3
					Humanities Course (3 cr)	XC	3
					Global Citizen Course (3 cr)	XC, GC	3
				ENGL 312	Advanced Composition (3 cr)	CONN	3
801 197	Technical Reporting	Comm	3	ENGL 317	Technical Writing (3 cr)	elective	
General Education Transfer Credits			**12**	**General Education Total – 55-58 credits (includes gen ed credits from Table 2)**			**24**

**Additional coursework not listed here may be transferable to satisfy general education or breadth requirements and are searchable through the UW System Transfer Information System (TIS) Wizards (https://www.wisconsin.edu/transfer/wizards/).*

Table 2: Major Program Requirements							
Course	Title	Gen Ed Area	Xfr Cr.	Course	Title	Gen Ed Area	Req Cr.
Support Group (all courses required)							
				MATH 161 MATH 171	Technical Calc I (3 cr) **or** Calculus I (5 cr)	XM	3 **or** 5
				MATH 162 MATH 172	Technical Calc II (3 cr) **or** Calculus II (4 cr)	NS	3 **or** 4
				PHYS 171 PHYS 191	General Physics I (5 cr) **or** General Physics I (5 cr)	XL, NS	5
Fundamentals Group (all courses required)							
	Waived – Refer to Note 1			EGRT 101	Fund of Eng Technology (2 cr)		0
				EGRT 105	Fund of Drawing (3 cr)		3
620 101	DC Circuits		3	EGRT 130	Electrical Circuits I (4 cr)	XL, NS	0
620 102	AC Circuits		3	EGRT 131	Electrical Circuits II (4 cr)	XL, NS	0
				CSCI 216	C++ (4 cr)		4
620 103	Semiconductor Devices		3	EGRT 232	Semiconductor Devices (3 cr)		0
620 135	PLCs & Ladder Logic		3	EGRT 240	Logic & Control (3 cr)		0
				EGRT 246	Electric Power Systems (3 cr)		3
620 136	Advanced PLCs		3	EGRT 260	Automation Controllers (3 cr)		0

Advanced Study Group (all courses required)							
620 115	Machinery & Motors		4	EGRT 320	Motors & Drives (4 cr)		0
				EGRT 325	Signals & Systems (3 cr)		3
				EGRT 333	Linear Circuits (3 cr)		3
620 133	Data Acquisition & Ctrl		3	EGRT 342	Measure & Data Acq (3 cr)		0
				EGRT 350	Data Comm & Protocols (3 cr)		3
620 110 620 111	Integrated Manufacturing Planning – Mechatronics Integrated Manufacturing Production – Mechatronics		2 2	EGRT 360	Eng Project Management (3 cr)		0
620 146 620 151	Instrument & Process Ctrl Robotics & Vision Systems		3 3	EGRT 390	Mechatronics (4 cr)		0
	Refer to Note 2			EGRT 400 EGRT 410	Internship (1-3 cr) **or** Capstone Project (3 cr)		1
Advanced Elective (3 cr required)							
				EGR 282	Engineering Economics (3 cr)		3
				EGRT 348	Electromagnetic Fields & Applications (3 cr)		
				EGRT 352	Communication Systems (3 cr)		
				EGRT 365	Special Topics (3 cr)		
Other MPTC Program Courses							
620 104	Digital Electronics		3	EGRT 1	Elective – Refer to Note 3		
620 105	Hydraulic & Pneumatics1		2	EGRT 118	Fluid Control		
620 141	Mechanical Drives 1		3	EGRT 1	Elective – Refer to Note 3		
620 142	Mechanical Drives 2		3	EGRT 1	Elective – Refer to Note 3		
620 150	Data Comm & Protocols		3	EGRT 1	Elective – Refer to Note 3		
804 195	College Algebra w/Apps	Math	3	MATH 104	College Algebra		
804 196	Trigonometry w/Apps	Math	3	MATH 106	Trigonometry		
103 159	Computer Literacy		0		No degree or transfer credit		
890 101	College 101		0		No degree or transfer credit		
Major Program Transfer Credits			**52**	**Major Program Minimum – 70 credits**			**34**
Total Transfer Credits			**64**	**Minimum Additional Credits to B.S. Degree (to satisfy gen ed, major & 120 credit minimum)**			**58**

Notes:

1. Transfer students with an Associate of Applied Science degree in Electromechanical Technology are not required to complete the EGRT 101 Fundamentals of Engineering Technology course for the Bachelor of Science in Electrical Engineering Technology degree. Total UW Oshkosh program and degree credit requirements must still be satisfied.
2. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
3. Elective credits may be used to satisfy total credit requirements for the Electrical Engineering Technology major (70 credits minimum) and the B.S. degree (120 credits minimum).

This articulation agreement may be retrieved from:

https://uwosh.edu/engineeringtech/students/transfer/

Questions regarding this agreement may be directed to:

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