

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

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

Effective Date: July 1, 2023

Next Review Date: May 1, 2025

New Agreement

Revised Agreement – original agreement signed Dec 2014
– first revision signed June 2017
– second revision signed July 2018
– third revision signed July 2019

Agreement Description and Rationale:

This articulation agreement has been established to expand educational opportunities for students enrolled in engineering technology programs in Northeast Wisconsin. Students enrolling at any higher educational institution in Northeast Wisconsin can start their studies at any campus and finish a B.S. degree with a major 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 courses transferred from a partner institution. This allows current associate degree holders, new students, and returning students to maximize their educational experiences and decrease redundancy in courses taken, thereby reducing time to degree.

An articulation agreement between the A.A.S. degree in Electromechanical Technology offered at MPTC and the B.S. degree with a major 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:

- University of Wisconsin 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 for UW Oshkosh; and enroll in the B.S. degree with a major in Electrical Engineering Technology.

Appendix A is 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, including requirements fulfilled at Moraine Park Technical College and courses the student must take at UW Oshkosh.

Format satisfies UW System Guidelines for Articulation Agreements outlined in the [UW System Administrative Policy 140](#)

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

- The minimum number of credits is 120.
- The minimum cumulative Grade Point Average is 2.000.
- 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 major and degree requirements listed in Appendix A.

Additional courses completed at Moraine Park Technical College may be transferrable to satisfy UW Oshkosh general education and breadth requirements. These courses are searchable via the UW Oshkosh link to the Transferology website: <https://www.transferology.com/school/uwosh> Transfer students are encouraged to consult with the UW Oshkosh Transfer Admissions Counselor (transfer@uwosh.edu) for advising regarding course selection and the transfer process.

Approved by:

University of Wisconsin Oshkosh

Moraine Park Technical College

Anne Stevens
Dean of College of Letters & Science Date

James V. Eden
Vice President of Academic Affairs Date

John Koker
Provost & Vice Chancellor Date

Bonnie Baerwald
President Date

Andrew Leavitt
Chancellor Date

Appendix A

WTCS Degree Type and Program: A.A.S. in Electromechanical Technology

UW System Degree Type and Major: B.S. with a major in Electrical Engineering Technology

Effective Date: July 1, 2023

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/Credit Requirements			
Table 1: General Education / Breadth Requirements*						
Course	Title	Xfr Cr	Course	Title	Gen Ed Area	Req Cr
801 136	English Composition 1	3	WRT 188	First-Year Writing (3 cr)	WRT	0
			COMM 111	Intro to Public Speaking (3 cr)	COMM	3
809 1xx	Social Science Course	3		Refer to Note 1	XS	0
809 1xx	Behavioral Science Course	3		Refer to Note 1	XS	0
				Ethnic Studies Course (3 cr)	XS, ES	3
				Humanities Course (3 cr)	XC	3
				Humanities Course (3 cr)	XC	3
				Global Citizen Course (3 cr)	XC, GC	3
			WRT 287	Advanced Writing (3 cr)	XK	3
801 197	Technical Reporting	3	ENGL 317	Technical Writing (3 cr)	elective	
General Education Transfer Credits		12	General Education Total – 49-52 credits (includes general education credits from Table 2)			18

*Additional courses not listed here may be transferable to satisfy general education or breadth requirements – these are searchable via the UW Oshkosh link to the Transferology website: <https://www.transferology.com/school/uwosh> Refer also to Note 1 below.

Table 2: Major Program Requirements

Course	Title	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)	XM	3 or 4
			PHYS 171 PHYS 191	College Physics I (5 cr) or University Physics I (5 cr)	XL	5
Fundamentals Group (all courses required)						
	Waived – Refer to Note 2	0	EGR 105	Engineer Fundamentals (3 cr)		0
			EGR 110	Engineering Graphics (2 cr)		2
			EGR 242	Program for Engineers (3 cr)		3
620 101	DC Circuits	3	EGRT 130	Electrical Circuits I (4 cr)	XL	0
620 102	AC Circuits	3	EGRT 131	Electrical Circuits II (4 cr)	XL	0
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	AC-DC Machine & Control	4	EGRT 320	Motors & Drives (4 cr)	XL	0

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			EGR 325	Signals & Systems (3 cr)		3
			EGRT 333	Linear Circuits (3 cr)		3
620 133	Data Acquisition & Control	3	EGRT 342	Measure & Data Acq (3 cr)		0
			EGRT 350	Data Comm & Protocols (3 cr)		3
620 110	Integrated Manufacturing Planning – Electromechanical	2	EGRT 360	Eng Project Management (3 cr)		0
620 111	Integrated Manufacturing Production – Electromechanical	2				
620 151	Robotics & Vision Systems	3	EGRT 390	Mechatronics (4 cr)		0
	Refer to Note 2		EGR 400 EGR 410	Internship (1-3 cr) or Capstone Project (3 cr)		1
Advanced Elective (3 cr required)						
			EGR 282	Engineering Economics (3 cr)		
			EGRT 352	Communication Systems (3 cr)		
			EGRT 357	Internet of Things (3 cr)		3
			EGRT 365	Special Topics (3 cr)		
Other MPTC Program Courses						
620 104	Digital Electronics	3	EGRT 1	Elective – Refer to Note 4		
620 105	Hydraulic & Pneumatic 1	2	EGRT 1	Elective – Refer to Note 4		
620 141	Mechanical Drives 1	3	EGRT 1	Elective – Refer to Note 4		
620 142	Mechanical Drives 2 or	3	EGRT 1	Elective – Refer to Note 4		
620 146	Instrument & Process Control					
620 150	Data Communication & Protocols	3	EGRT 1	Elective – Refer to Note 4		
804 195	College Algebra w/Apps	3	MATH 104	College Algebra	XM	
804 196	Trigonometry w/Apps	3	MATH 106	Trigonometry	XM	
103 159	Computer Literacy	0		No degree or transfer credit		
890 101	College 101	0		No degree or transfer credit		
Major Program Transfer Credits		49	Major Program Minimum – 66 credits			32
Total Transfer Credits		61	Minimum Additional Credits to B.S. Degree (to satisfy degree, major & 120 credit minimum)			59

Notes:

- Transfer students are strongly encouraged to consult with the UW Oshkosh Transfer Admissions Counselor (transfer@uwosh.edu) for advising regarding course selection and the transfer process well in advance of their transfer term. For this A.A.S. program UW Oshkosh recommends:
 - In the Social Science area, take 809 172 Introduction to Diversity Studies (3 cr) or 809 196 Introduction to Sociology (3 cr) because these courses transfer as (XS)(ES) and would count as a required Explore Society (XS) course while simultaneously fulfilling the Ethnic Studies (ES) requirement.
 - In the Behavioral Science area, take 809 198 Intro to Psychology (3 cr) to fulfill a required Explore Society (XS) course.
- Transfer students with an Associate of Applied Science degree in Electromechanical Technology are not required to complete the EGR 105 Engineering Fundamentals course for the Bachelor of Science degree with a major in Electrical Engineering Technology. Total UW Oshkosh program and degree credit requirements must still be satisfied.
- A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
- Elective credits may be used to satisfy total credit requirements for the Electrical Engineering Technology major (66 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 and the transfer process may be directed to:

Dennis Rioux, Coordinator
University of Wisconsin Oshkosh

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