

**University of Wisconsin (UW) Oshkosh  
Western Technical College (WTC)**

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

**Effective Date:** January 1, 2018

**Next Review Date:** May 1, 2019

☒ New Agreement ☐ Revised Agreement

**Agreement Description and Rationale:**

This articulation agreement is being established in order to expand educational opportunities for students enrolled in engineering technology programs in Wisconsin. Students enrolling at any higher educational institution in 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 Electro-Mechanical Technology offered at WTC 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
- Western Technical College: The Higher Learning Commission

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

**Admission Requirements/Conditions Specific to this Agreement:**

Admission requirements are identical to those required for general admission to UW Oshkosh.

**Articulation Transfer Agreement Terms:**

The terms of this agreement apply to Western Technical College students who successfully complete the A.A.S. degree in Electro-Mechanical Technology; meet the admission requirements set forth below for UW Oshkosh; and enroll in the B.S. degree with a major in Electrical Engineering Technology. The terms of this agreement apply only to the B.S. degree with a major in Electrical Engineering Technology — students who change majors will have their transfer credits reevaluated as prescribed by their new major.

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 Western 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.

Format satisfies UW System Guidelines for Articulation Agreements outlined in the [Academic Information Series ACIS 6.2](#)

Wisconsin Technical College System and University of Wisconsin System  
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT

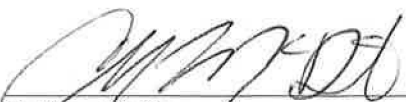
- A minimum cumulative GPA of 2.0.
- Upper level course work: A minimum of 35 credits must be completed at 300-level or above.
- Credits from four-year institutions: A minimum of 48 credits must be earned from four-year institutions. This does not limit the number of credits that can be transferred from 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 Western 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


Western Technical College

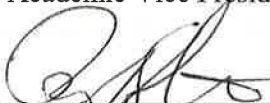
  
Colleen McDermott  
Dean of College of Letters & Science  
12/6/17  
Date

  
Bob Marconi  
Dean – Interim  
1/11/18  
Date

  
John Koker  
Provost & Vice Chancellor  
12/8/17  
Date

  
Joshua Gamer  
Academic Vice President – Interim  
1/24/18  
Date

  
Andrew Leavitt  
Chancellor  
12/21/17  
Date

  
Roger Stanford  
President  
1-31-18  
Date



**Appendix A**  
**University of Wisconsin (UW) Oshkosh**

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

**Effective Date:** December 1, 2017

☒ Table accompanies new agreement

☐ Revised table for existing agreement

**Transfer Course/Credit Articulation Table:**

Western Technical College A.A.S. in Electro-Mechanical 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.
801 195	Written Communication	Comm	3	WBIS 188	Writing Based Inquiry Seminar (3 cr)	WBIS	0
801 196	Oral/Interpersonal Comm	Comm	3	COMM 111	Intro to Public Speaking (3 cr)	COMM	0
809 195	Economics	Soc Sci	3	ECON 106	General Economics (3 cr)	XS, SS,	0
809 199	Psychology of Human Relations	Soc Sci	3	PSYCH 001	Psychology Elective	XS, SS	0
					History Course (3 cr)	XS, SS	3
					Social Science Course (3 cr)	XS, SS, ES	3
					Global Citizenship Course (3 cr)	XC, HU, GC	3
					English Literature (3 cr)	XC, HU	3
					Humanities Course (3 cr)	XC, HU	3
					Humanities Course (3 cr)	XC, HU	3
				ENGL 312	Advanced Composition (3 cr)	CONN	3
801 197	Technical Reporting	Comm	3	ENGL 317	Technical Writing	Elective	
General Education Transfer Credits			15	General Education Total – 54 credits (includes gen ed credits from Table 2)			21

\*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 (<http://www.wisconsin.edu/transfer/wizards/>).

Table 2: Major Program Requirements							
Course	Title	Gen Ed Area	Xfr Cr.	Course	Title	Gen Ed Area	Req Cr.
	No equivalent in program curriculum – see Note 1			MATH 171	Calculus I (4 cr)	XM	4
	No equivalent in program curriculum – see Note 1			MATH 172	Calculus II (4 cr)	NS	4
806 154	General Physics 1	Nat Sci	4	PHYS 107	General Physics I (5 cr)	XL, NS	0
620 130	Intro to Electromechanical Technology		2	ENGR 101	Fund of Eng Technology – (2 cr)		0
606 163	AutoCAD Level 1		2	ENGR 105	Fundamentals of Drawing (3 cr)		0
620 155	Industrial DC/AC 1		3	ENGR 130	Basic Electrical Circuits I (4 cr)	XL, NS	0
620 156	Industrial DC/AC 2		2				

Wisconsin Technical College System and University of Wisconsin System  
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT

	No equivalent in program curriculum – see Note 1			ENGR 131	Basic Electrical Circuits II (4 cr)	XL, NS	4
	No equivalent in program curriculum – see Note 1			ENGR 142	Intro to Programming (3 cr)		3
660 123	Industrial Electronic Devices		2	ENGR 232	Semiconductor Devices (3 cr)		0
620 153 620 158	Basic PLC Programming PLC Applications		2 2	ENGR 240	Logic & Control Devices (3 cr)		0
620 135 620 151	Basic Industrial Controls Advanced Motor Controls		2 3	ENGR 320	Motors & Drives (4 cr)		0
	No equivalent			ENGR 325	Signals & Systems (3 cr)		3
	No equivalent			ENGR 333	Linear Circuits (3 cr)		3
620 152	Advanced PLC Programming		3	ENGR 340	Advanced PLCs (3 cr)		0
620 159	Process Control Systems		3	ENGR 342	Measure, Control & Data (3 cr)		0
	No equivalent			ENGR 346	Electric Power Systems (3 cr)		3
	No equivalent			ENGR 350	Data Comm & Protocols (3 cr)		3
	No equivalent			ENGR 352	Communication Systems (3 cr)		3
	No equivalent			ENGR 360	Eng Project Management (3 cr)		3
620 149 620 160	Electromechanical Applications <b>or</b> Robotic Systems		3 3	ENGR 390	Mechatronics (4 cr)		0
	No equivalent – see Note 2			ENGR 400 ENGR 410	Internship (1-3 cr) <b>or</b> Capstone Project (3 cr)		1
620 112	Fluid Power Fundamentals		2	ENGR 118	Fluid Control – see Note 3		
660 106	Basic Soldering		1	ENGR 1	Elective credit – see Note 4		
420 105	Machining Maintenance		3	ENGR 1	Elective credit – see Note 4		
620 144	Mechanical Drives		2	ENGR 1	Elective credit – see Note 4		
620 100	Pumps & Gear Boxes		2	ENGR 1	Elective credit – see Note 4		
442 109	Welding Maintenance		3	ENGR 1	Elective credit – see Note 4		
620 141	Industrial Networking		2	ENGR 1	Elective credit – see Note 4		
620 114	Siemens Control Systems		2	ENGR 1	Elective credit – see Note 4		
804 113	College Technical Math 1A	Math	0		No degree or transfer credit		
804 114	College Technical Math 1B	Math	0		No degree or transfer credit		
<b>Major Program Transfer Credits</b>			<b>50</b>	<b>Major Program Minimum – 68 credits</b>			<b>34</b>
<b>Total Transfer Credits</b>			<b>65</b>	<b>Minimum Additional Credits to B.S. Degree (to satisfy gen ed, major &amp; 120 credit minimum)</b>			<b>55</b>

**Notes:**

1. Additional coursework available at Western Technical College is transferable to satisfy this UW Oshkosh Electrical Engineering Technology program requirement. Visit the UW System Transfer Information System (TIS) Wizards (<http://www.wisconsin.edu/transfer/wizards/>) and select the appropriate UW Oshkosh department to check for equivalent courses. Equivalent courses listed in transfer agreements for other programs at Western Technical College can also be found at: <http://www.uwosh.edu/engineeringtech/students/transfer>
2. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.

Wisconsin Technical College System and University of Wisconsin System  
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT

3. This UW Oshkosh course is not required for the Electrical Engineering Technology major. Transfer students may use these credits to satisfy total credit requirements for the Electrical Engineering Technology major (69 credits minimum) and the B.S. degree (120 credits minimum).
4. Elective credits may be used to satisfy total credit requirements for the Electrical Engineering Technology major (68 credits minimum) and the B.S. degree (120 credits minimum).

This articulation agreement may be retrieved from: <http://www.uwosh.edu/engineeringtech/students/transfer>

Questions regarding this agreement may be directed to:

Dennis Rioux, Coordinator

University of Wisconsin Oshkosh

Department of Engineering Technology

[rioux@uwosh.edu](mailto:rioux@uwosh.edu) 920 424 4429