

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

**WTCS Degree Type and Program:** A.A.S. in Mechanical Design Technology  
**UW Degree Type and Major:** B.S. with a major in Mechanical 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 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 Mechanical Engineering Technology will be conferred by UW Oshkosh after the successful completion of the specified courses in residence at UW Oshkosh in addition to the 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 Mechanical Design Technology offered at WTC and the B.S. degree in Mechanical 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:**

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 Mechanical Design Technology; meet the admission requirements set forth below for the UW Oshkosh; and enroll in the B.S. degree with a major in Mechanical 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 Mechanical 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 Mechanical 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.

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

- 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:**

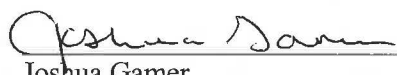
University of Wisconsin Oshkosh

Western Technical College

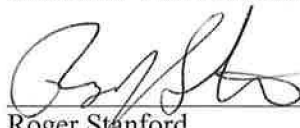
  
Colleen McDermott  
Dean of College of Letters & Science  
12/6/17  
Date

  
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  
1/30/18  
Date



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

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

**Effective Date:** July 1, 2017

☐ Table accompanies new agreement

☒ Revised table for existing agreement

**Transfer Course/Credit Articulation Table:**

Western Technical College A.A.S. in Mechanical Design Technology Transferable Courses/Credits				UW Oshkosh B.S. with a major in Mechanical 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 Communications	Comm	3	COMM 111	Intro to Public Speaking (3 cr)	COMM	0
809 195	Economics	Soc Sci	3	ECON 106	General Economics	XS, SS	0
809 198	Intro to Psychology	Soc Sci	3	PSCH 101	General Psychology (3 cr)	XS, SS	0
809 196	Intro to Sociology	Soc Sci	3	SOC 101	Intro Sociology (3 cr)	XS, SS	0
					History 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		Elective		
General Education Transfer Credits			18	General Education Total – 54 credits (includes gen ed credits from Table 2)			18

\*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 or	XL, NS	0
	Waived – see Note 2			ENGR 101	Fund of Eng Technology (2 cr)		0
606 113	Sketching & AutoCAD		4	ENGR 105	Fundamentals of Drawing (3 cr)		0
420 120	Manufacturing Processes		3	ENGR 116	Basic Manuf Processes (3 cr)		0

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

620 112	Fluid Power Fundamentals		2	ENGR 118	Fluid Control (3 cr)		0
	No equivalent in program curriculum – see Note 1			ENGR 130	Basic Electrical Circuits I (4 cr)	XL, NS	4
606 115	Parametric Design 1		3	ENGR 207	Parametric Modeling (3 cr)		0
	No equivalent			ENGR 220	Mechanics of Materials (3 cr)		0
606 156	Mechanisms & Dynamics		3	ENGR 221	Machine Components (3 cr)		0
606 124	Statics		4	PHYS 201	Engineering Statics (3 cr)		0
	No equivalent			PHYS 202	Engineering Dynamics (3 cr)		3
	No equivalent			ENGR 318	Fluid Dynamics (3 cr)		3
	No equivalent in program curriculum – see Note 1			ENGR 320	Motors & Drives (4 cr)	NS	4
606 164	Design Problems		4	ENGR 322	Eng Design Problems (3 cr)		0
	No equivalent			ENGR 330	Thermodynamics (3 cr)		3
	No equivalent			ENGR 335	Heat Transfer (3 cr)		3
	No equivalent in program curriculum – see Note 1			ENGR 342	Measure, Control & Data (3 cr)		3
	No equivalent			ENGR 360	Eng Project Management (3 cr)		0
	No equivalent			ENGR 390	Mechatronics (4 cr)		0
	No equivalent – see Note 3			ENGR 400 ENGR 410	Internship (1-3 cr) <b>or</b> Capstone Project (3 cr)		1
420 119	Manufacturing & Engineering Materials		3	ENGR 1	Elective credit – see Note 4		
606 165	Geometric Dimensioning & Tolerancing		3	ENGR 1	Elective credit – see Note 4		
605 138	Fund of Electronics & Fabrication		2	ENGR 1	Elective credit – see Note 4		
606 133	Parametric Design 2		4	ENGR 1	Elective credit – see Note 4		
606 184	Solidworks		2	ENGR 1	Elective credit – see Note 4		
606 158	Design Analysis		3	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>44</b>	<b>Major Program Minimum – 69 credits</b>			<b>34</b>
<b>Total Transfer Credits</b>			<b>62</b>	<b>Minimum Additional Credits to B.S. Degree (to satisfy gen ed, major &amp; 120 credit minimum)</b>			<b>58</b>

**Notes:**

1. Additional coursework available at Western Technical College is transferable to satisfy this UW Oshkosh Mechanical 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. Transfer students with an Associate of Applied Science degree in Mechanical Design Technology are not required to complete the ENGR 101 Fundamentals of Engineering Technology course for the Bachelor of Science in Mechanical Engineering Technology degree. Total UW Oshkosh program and degree credit requirements must still be satisfied.
3. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
4. Elective credits may be used to satisfy total credit requirements for the Mechanical Engineering Technology major (69 credits minimum) and the B.S. degree (120 credits minimum).

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

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