

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

WTCS Degree Type and Program: A.A.S. in Mechanical Design Technology
UW System Degree Type and Major: B.S. with a major in Mechanical 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 Mechanical 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 Mechanical Design Technology offered at MPTC and the B.S. degree with a major 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:

- 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 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.

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 Mechanical Engineering Technology at UW Oshkosh, including requirements fulfilled at Moraine Park Technical College and courses the student must take at UW Oshkosh.

Students must meet the following requirements to earn the B.S. degree with a major in Mechanical 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 Mechanical Design Technology

UW System Degree Type and Major: B.S. with a major in Mechanical 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 Mechanical Design Technology Transferable Courses/Credits			UW Oshkosh B.S. with a major in Mechanical 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
801 196	Oral & Interpersonal or Speech	3	COMM 111	Intro to Public Speaking (3 cr)	COMM	0
801 198		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
General Education Transfer Credits		12	General Education Total – 49-52 credits (includes general education credits from Table 2)			15

*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
606 175	CAD 2D	1	EGR 110	Engineering Graphics (3 cr)		0
617 114	CAD 3D Intro	3				
623 162	Manufacturing Processes	3	EGRT 116	Basic Manuf Processes (3 cr)		0
			EGRT 118	Fluid Control (3 cr)		3
			EGRT 130	Electrical Circuits I (4 cr)	XL	4
617 123	CAD 3D Advanced	3	EGRT 207	Parametric Modeling (3 cr)		0
606 116	Machine Elements	3	EGRT 221	Machine Components (3 cr)		0
	Refer to Note 3		EGR 201	Engineering Statics (3 cr)		1
			EGR 202	Engineering Dynamics (3 cr)		3
	Refer to Note 4		EGR 203	Mechanics of Materials (4 cr)		1
Advanced Study Group (all courses required)						

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

			EGRT 320	Motors & Drives (4 cr)	XL	4
606 107	Component Design	4	EGRT 322	Design Problems (3 cr)		0
			EGRT 330	Thermodynamics (3 cr)		3
			EGRT 335	Heat Transfer (3 cr)		3
			EGRT 342	Measure Ctrl & Data (3 cr)		3
606 125	Product Design	4	EGRT 360	Project Management (3 cr)		0
606 112	Integrated Manufacturing Planning – Mechanical Design	2	EGRT 390	Mechatronics (4 cr)		0
606 111	Integrated Manufacturing Production – Mechanical Design	2				
	Refer to Note 5		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 308	Finite Element Analysis (3 cr)		3
			EGRT 318	Fluid Mechanics (3 cr)		
			EGRT 365	Special Topics (3 cr)		
Other MPTC Program Courses						
606 128	Design Statics	3	EGRT 1	Elective credit eligible for conversion to equivalent course – Refer to Note 3		
606 130	Strength of Materials	3	EGRT 1	Elective credit eligible for conversion to equivalent course – Refer to Note 4		
606 132	Materials of Industry	3	EGRT 1	Elective – Refer to Note 6		
617 115	Jig & Fixture Design	3	EGRT 1	Elective – Refer to Note 6		
623 196	Geometric Dim & Tol	3	EGRT 1	Elective – Refer to Note 6		
617 149	Tool Design	4	EGRT 1	Elective – Refer to Note 6		
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 credit		
890 101	College 101	0		No degree credit		
Major Program Transfer Credits		50	Major Program Minimum – 70 credits			40
Total Transfer Credits		62	Minimum Additional Credits to B.S. Degree (to satisfy degree, major & 120 credit minimum)			58

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 Mechanical Design Technology are not required to complete the EGR 105 Engineering Fundamentals course for the Bachelor of Science degree with a major in Mechanical Engineering Technology. Total UW Oshkosh program and degree credit requirements must still be satisfied.
- 606 128 Design Statics (3 cr) AND {MATH 161 Technical Calculus I (3 cr) OR MATH 171 Calculus I (5 cr)} AND EGRT 222 Engineering Mechanics for Transfers: Statics (1 cr) will satisfy EGR 201 Engineering Mechanics: Statics (3 cr) for the major in Mechanical Engineering Technology.

4. 606 130 Strength of Materials (3 cr) AND {MATH 161 Technical Calculus I (3 cr) OR MATH 171 Calculus I (5 cr)} AND EGRT 222 Engineering Mechanics for Transfers: Mechanics of Materials (1 cr) will satisfy EGR 203 Mechanics of Materials (4 cr) for the major in Mechanical Engineering Technology.
5. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
6. Elective credits may be used to satisfy total credit requirements for the Mechanical Engineering Technology major (72 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:

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