

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

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, 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 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 MPTC 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
- 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.

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 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 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.
- 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

Moraine Park Technical College

Colleen McDermott
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
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

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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 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
801 196	Oral/Interpersonal Comm	Comm	3	COM 111	Intro to Public Speaking (3 cr)	COMM	0
809 1xx	Social Science Course	Soc Sci	3		To Be Determined (3 cr)	XS	0
809 1xx	Social Science Course	Soc Sci	3		To Be Determined (3 cr)	XS	0
					History Course (3 cr)	XS	3
					Ethnic Studies Course (3 cr)	XS, ES	3
					Global Citizen Course (3 cr)	XC, GC	3
					English Literature (3 cr)	XC	3
					Humanities Course (3 cr)	XC	3
					Humanities Course (3 cr)	XC	3
				ENGL 312	Advanced Composition (3 cr)	CONN	3
	Required Elective		3		To Be Determined (3 cr)		
General Education Transfer Credits			15	General Education Total – 55-58 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 (<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
606 176	CAD 2D		3	EGRT 105	Fund of Drawing (3 cr)		0
623 162	Manufacturing Processes		3	EGRT 116	Basic Manuf Processes (3 cr)		0
				EGRT 118	Fluid Control (3 cr)		2
				EGRT 130	Electrical Circuits I (3 cr)	XL, NS	4
617 114	CAD 3D		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)		0

				EGR 202	Engineering Dynamics (3 cr)		3
	Refer to Note 3			EGR 203	Mechanics of Materials (4 cr)		4
Advanced Study Group (all courses required)							
				EGRT 320	Motors & Drives (4 cr)	NS	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, Control & Data (3 cr)		3
606 125	Product Design		4	EGRT 360	Project Management (3 cr)		0
606 112	Integrated Manufacturing Planning		2	EGRT 390	Mechatronics (4 cr)		0
606 111	Integrated Manufacturing Production		2				
	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 308	Finite Element Analysis (3 cr)		
				EGRT 318	Fluid Mechanics (3 cr)		
				EGRT 365	Special Topics (3 cr)		
Other MPTC Program Courses							
606 128 606 130	Design Statics Strength of Materials		3 3	EGRT 1	Elective credit eligible for conversion to equivalent courses – Refer to Note 3		
606 132	Materials of Industry		3	EGRT 1	Elective – Refer to Note 4		
617 115	Jig & Fixture Design		3	EGRT 1	Elective – Refer to Note 4		
623 196	Geometric Dim & Tol		3	EGRT 1	Elective – Refer to Note 4		
617 149	Tool Design		4	EGRT 1	Elective – Refer to Note 4		
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 credit		
890 101	College 101		0		No degree credit		
Major Program Transfer Credits			49	Major Program Minimum – 72 credits			38
Total Transfer Credits			64	Minimum Additional Credits to B.S. Degree (to satisfy gen ed, major & 120 credit minimum)			59

Notes:

1. Transfer students with an Associate of Applied Science degree in Mechanical Design Technology are not required to complete the EGRT 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.
2. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
3. 606 128 Design Statics (3 cr) AND 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 (2 cr) will satisfy EGR 201 Statics for Engineering (3 cr) AND EGR 203 Mechanics of Materials (4 cr) for the major in Mechanical Engineering Technology only. See <https://uwosh.edu/engineeringtech/mechanical/courses/> for course descriptions and prerequisites.
4. 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 may be directed to:

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