Articulation Agreement

University of Wisconsin (UW) – Oshkosh
Moraine Park Technical College (MPTC)

MPTC Degree: Associate of Applied Science (A.A.S.) in Mechanical Design Technology
UWO Degree: Bachelor of Science (B.S.) in Mechanical Engineering Technology

Effective Date: July 1, 2023
☐ New Agreement

Next Review Date: July 1, 2026
☒ Revised Agreement

Revision History: – 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 who complete the Mechanical Design Technology program at Moraine Park Technical College by providing an efficient transfer to earn a Bachelor of Science in Mechanical Engineering Technology at UW Oshkosh.

The agreement demonstrates the curricular alignment of the two programs, thus enabling current associate degree holders, new students, and returning students to maximize their educational experiences and decrease redundancy in courses taken. This reduces time and expense, which are often barriers to earning a bachelor's degree.

Admission Requirements/Conditions Specific to this Agreement:
Transfer students from Moraine Park Technical College admitted under this agreement only if they a) have successfully completed the A.A.S. in Mechanical Design Technology program, fulfilling all coursework stipulated therein, with a cumulative grade point average of at least 2.5/4.0; b) meet the standard admission requirements for UW-Oshkosh; and c) enroll in B.S. degree program with a major in Mechanical Engineering Technology .

Articulation Transfer Agreement Terms:
The terms of this agreement apply to Moraine Park Technical College students who complete the A.A.S. in Mechanical Design Technology; meet the general admission requirements set forth by UW-Oshkosh; and enroll in the Bachelor of Science in Mechanical Engineering Technology .

Students admitted to UW Oshkosh under the terms of this agreement who subsequently elect to pursue a degree and/or major other than the B.S.in Mechanical Engineering Technology will find that the extended transfer of credit does not apply outside of this program.

A transfer course/credit articulation table illustrating the list of courses the student must complete to earn the B.S.in Mechanical Engineering Technology at UW-Oshkosh fulfilled at Moraine Park Technical College and those that must be taken at UW-Oshkosh, may be found in Appendix A.

Students must meet the following requirements to earn the B.S. degree in Mechanical Engineering Technology at UW-Oshkosh:

- A minimum cumulative GPA of 2.000
- Satisfactory completion of the major and degree requirements listed in Appendix A
- A minimum of 21 credits of 300/400 level courses in residence at UW-Oshkosh
- A minimum of 30 credits in residence at UW-Oshkosh

Additional coursework completed at Moraine Park Technical College may be transferable to satisfy UW-Oshkosh general education or breadth requirements. These are searchable via the UW-Oshkosh link on the Transferology website at www.transferology.com/school/uwosh.

Approved by:

University of Wisconsin Oshkosh

Anne Stevens — Jun 7, 2023

Anne Stevens
Dean, College of Letters and Science

John Koker — Jun 7, 2023
John Koker (Jun 7, 2023 12:47 CDT)

John Koker
Provost and Vice Chancellor

Andrew Leavitt — Jun 7, 2023
Andrew Leavitt (Jun 7, 2023 13:35 CDT)

Andrew Leavitt
Chancellor

Moraine Park Technical College

Bobbi Fields — Jun 5, 2023

Bobbi Fields
Dean of Applied Technology and Trades

James V. Eden — Jun 6, 2023

James Eden
Vice President – Teaching and Learning

Bonnie Baerwald — Jun 6, 2023

Bonnie Baerwald
President

Appendix A

University of Wisconsin (UW) – Oshkosh
Moraine Park Technical College (MPTC)

MPTC Degree: Associate of Applied Science (A.A.S.) in Mechanical Design Technology
UWO Degree: Bachelor of Science (B.S.) in Mechanical Engineering Technology

Effective Date: 06/2023 ☐ Table accompanies new agreement ☒ Revised table for existing agreement

Transfer Course/Credit Articulation Tables:

MPTC AAS in Mechanical Design Technology Transferable Equivalent Courses				**UWO B.S. in Mechanical Engineering Technology All Program Course Requirements**			
Table 1: General Education / Breadth Requirements							
Course Prefix + #	**Course Title**	**Gen Ed Area**	**Transfer Credits**	**Course Prefix + #**	**Course Title**	**Gen Ed Area**	**Remaining Credits**
USP – University Studies Program							
				USP 200	Transition Year Experience	Quest	pass/fail
801-136	English Composition 1	Comm.	3	WRT 188	First-Year College Writing	Writing	
801-198 801-196	Speech or Oral & Interpersonal Communication	Comm.	3	COMM 111	Introduction to Public Speaking	Speaking	
804-195	College Algebra w/ Applications	Math	3	MATH 104	College Algebra	Explore: Math (XM)	
804-196	Trigonometry with Applications		3	MATH 106	Trigonometry		
				All the Science USP requirements will be met by courses listed in Table 2.		Explore: Science (XL)	
				History course		Explore: Society (XS)	3
809-198 809-199	Intro to Psychology Psychology of Human Relations	Behavioral Science	3	PSYCH 101 PSYCH 8	General Psychology (XS) Psychology Elective (XS)		3-6
809-196 809-172	Introduction to Sociology Intro to Diversity Studies	Social Science [1]	3	SOC 101 SOC 13	Intro to Sociology (XS)(ES) Sociology Elective (XS)(ES)		
809-103 809-166	Thinking Critically & Creatively Intro to Ethics: Theory & Application			GEN ELEC 6 PHIL 105	General Elective (XC) Ethics (XC)	Explore: Culture (XC)	6-9
				English literature course			3
				Ethnic Studies *This may overlap with an (XS) or (XC) course transferred to or taken at UWO.*		Ethnic Studies (ES)	0-3
includes general education credits from		Table 1	18	Global Citizenship *This may overlap with an (XC) course taken at UWO.*		Global Citizenship (GC)	0-3
		Table 2	22	WRT 287	Advanced Writing (XK)	Connect	3
General Education Credits to Transfer			**40**	**Remaining General Education Credits**			**21**

[1, 2] See the notes section at the end of the articulation tables.

Table 2: Major Program Requirements						
Course Prefix + #	**Area**	**Transfer Credits**	**Course Prefix + #**	**Course Title**	**Ar or 5ea**	**Credits Remain**
Supporting Course Group						
			MATH 161 Technical Calculus I *(3 cr.)* *or MATH 171 Calculus I (5 cr.)*		MATH	3
			MATH 162 Technical Calculus II *(3 cr.)* *or MATH 172 Calculus II (4 cr.)*		MATH	3
			PHYS 171 General Physics I *or PHYS 191 General Physics I*		PHYS	5
Fundamentals Course Group						
**This course has been waived because the learning objectives were met by the completion of the MPTC program* [2].			EGR 105 Engineering Fundamentals		EGR	
617-114 CAD 3-D SolidWorks	MECH. DESIGN	3	EGR 110 Engineering Graphics		EGR	
623-162 Manufacturing Processes		3	EGRT 116 Basic Manufacturing Processes		EGRT	
			EGRT 118 Fluid Control		EGRT	3
			EGRT 130 Electrical Circuits I (XL)		EGRT	4
617-123 CAD 3-D, Advanced SolidWorks	MECH. DESIGN	3	EGRT 207 Parametric Modeling		EGRT	
606-116 Machine Elements		3	EGRT 221 Machine Components		EGRT	
			EGR 201 Engineering Mechanics: Statics (XN) (3 cr.)		EGRT	1 [3]
			EGR 202 Engineering Mechanics: Dynamics (XN)		EGRT	3
			EGR 203 Mechanics of Materials (4 cr.)		EGRT	1 [4]
Advanced Study Course Group						
			EGRT 320 Motors & Drives (XL)		EGRT	4
606-107 Component Design	MECH. DESIGN	4	EGRT 322 Design Problems *(3 cr.)*		EGRT	
			EGRT 330 Thermodynamics		EGRT	3
			EGRT 335 Heat Transfer		EGRT	3
			EGRT 342 Measurement, Control & Data Acquisition		EGRT	3
606-125 Product Design	MECHANICAL DESIGN	4	EGRT 360 Engineering Project Management *(3 cr.)*		EGRT	
620-110 Integrated Manufacturing Planning – Electromechanical		2	EGRT 390 Mechatronics *(4 cr.)*		EGRT	
620-111 Integrated Manufacturing Production – Electromechanical		2				
			EGRT 400 Internship *(1-3 cr) or* EGRT 410 Capstone Project *(3 cr.)* [4]		EGRT	1
			Choose one (1) elective: • EGR 282 Engineering Economics • EGRT 308 Finite Element Analysis • EGRT 318 Fluid Mechanics • EGRT 365Special Topics		EGR or EGRT	3
Program Transfer Credits		**24**	**Major Program Credits Remaining**			**40**

Other MPTC Mechanical Design Technology Courses					
103-159 Computer Literacy	GEN ED	-	Non-transferable courses		
809-101 College 101					
606-128 Design Statics	MECHANICAL DESIGN	3	EGRT 1 Elective Credit Bundle = 19 credits Lower level elective transfer credits apply to complete the Electrical Engineering Technology major (66 credits minimum) and the B.S. degree (120 credits minimum).		
606-130 Strength of Materials		3			
606-132 Materials of Industry		3			
617-115 Jig and Fixture Design		3			
623-196 Geometric Dimensioning & Tolerancing		3			
617-149 Tool Design		4			
801-197 Technical Reporting	COMM	3	ENG 317 Technical Writing	ENG	
Elective Transfer Credits		**22**			
Total Transfer Credits		**62**	**Total Credits to Be Taken at UWO**		**61**

Important: The totals shown are estimates. The exact number of credits needed will depend on the specific choices made in USP & Major courses.

Transfer students are encouraged to consult with the UW Oshkosh Transfer Admissions Counselor (transfer@uwosh.edu) for pre-advising regarding the transfer process and course selection.

Notes:

[1] This MPTC program includes a Social Science elective, and there are other choices available. Selecting from the recommended courses listed above will provide the most efficient credit transfer.

[2] 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.

[3] MPTC students who take transfer course 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 only need to take EGR 203 Mechanics of Materials for one (1) credit to satisfy EGR 203 Mechanics of Materials *(4 cr.)* for the major in Mechanical Engineering Technology.

[4] MPTC students who take transfer course 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: only need to take EGR 201 Engineering Statics for one (1) credit to satisfy EGR 201 Statics for Engineering *(3 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.

This agreement can be viewed online at uwosh.edu/admissions/how-to-apply/transfer/transfer-agreements.

Questions regarding this agreement may be directed to:

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