



Articulation Agreement



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

MPTC Degree: Associate of Applied Science (A.A.S.) in Quality & Advanced Manufacturing Technology

UWO Degree: Bachelor of Science (B.S.) in Mechanical Engineering Technology

Effective Date: July 1, 2023

Next Review Date: July 1, 2026

Revision History:

New Agreement

Revised Agreement

Agreement Description and Rationale:

This articulation agreement has been established to expand educational opportunities for students who complete the Quality & Advanced Manufacturing 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 Quality & Advanced Manufacturing 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 Quality & Advanced Manufacturing 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

Anna Stevens

Anne Stevens
Dean, College of Letters and Science

Jun 7, 2023

Date

John Koker

[John Koker \(Jun 7, 2023 12:47 CDT\)](#)

John Koker
Provost and Vice Chancellor

Jun 7, 2023

Date

Andrew Leavitt

[Andrew Leavitt \(Jun 7, 2023 13:34 CDT\)](#)

Andrew Leavitt
Chancellor

Jun 7, 2023

Date

Moraine Park Technical College

Bobbi Fields

Bobbi Fields
Dean of Applied Technology and Trades

Jun 5, 2023

Date

James V. Eden

James Eden
Vice President – Teaching and Learning

Jun 6, 2023

Date

Bonnie Baerwald

Bonnie Baerwald
President

Jun 6, 2023

Appendix A

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

MPTC Degree: Associate of Applied Science (A.A.S.) in Quality & Advanced Manufacturing 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 Quality & Advanced Manufacturing 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 with Applications	Math ¹	3	MATH 104	College Algebra	Explore: Math (XM)	
806-143	College Physics 1	Natural Science ²	3	PHYS 171	General Physics I (5 cr.) <i>All other Science requirements will be met with courses in Table 2.</i>	Explore: Science (XL)	
					History course		3
809-198 809-199	Intro to Psychology Psychology of Human Relations	Behavioral Science	3	PSYCH 101	General Psychology (XS)	Explore: Society (XS)	3-6
809-196 809-172	Introduction to Sociology Intro to Diversity Studies	Social Science ¹	3	SOC 101	Intro to Sociology (XS)(ES)		
809-103 809-166	Thinking Critically & Creatively Intro to Ethics: Theory & Appl.				GEN ELEC 6	General Elective (XC)	Explore: Culture (XC)
					English literature course		3
					Ethnic Studies <i>This may overlap with an (XS) or (XC) course transferred to or taken at UWO.</i>	Ethnic Studies (ES)	0-3
					Global Citizenship <i>This may overlap with an (XC) course taken at UWO.</i>	Global Citizenship (GC)	0-3
	includes general education credits from	Table 1	18				
		Table 2	18		WRT 287	Advanced Writing (XK)	Connect
General Education Credits to Transfer			36	Remaining General Education Credits			22

^{1, 2} See the notes at the end of the articulation tables.

Table 2: Major Program Requirements								
Course Prefix + #		Area	Transfer Credits	Course Prefix + #	Course Title	Ar or Sea	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 (5 cr.)		PHYS	See Table 1	
Fundamentals Course Group								
*This course has been waived because the learning objectives were met by the completion of the MPTC program ³ .				EGR 105 Engineering Fundamentals		EGR		
623-110 Technical Print Reading	QUALITY & ADVANCED MANUFACTURING		2	EGR 110 Engineering Graphics		EGR		
623-191 Basic Metrology			2					
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	
617-112 CAD 3-D, Creo Parametric or 617-114 CAD 3-D SolidWorks	Q&A MANUF		3	EGRT 207 Parametric Modeling		EGRT		
				EGRT 221 Machine Components		EGRT	3	
				EGR 201 Engineering Mechanics: Statics (XN)		EGRT	3	
				EGR 202 Engineering Mechanics: Dynamics (XN)		EGRT	3	
				EGR 203 Mechanics of Materials		EGRT	4	
Advanced Study Course Group								
664-100 Intro. to Industrial Control Systems	QUALITY & ADVANCED MANUFACTURING		2	EGRT 320 Motors & Drives (XL) (4 cr.)		EGRT		
664-105 Introduction to Industrial Robotics			2					
					EGRT 322 Design Problems (3 cr.)		EGRT	3
					EGRT 330 Thermodynamics		EGRT	3
					EGRT 335 Heat Transfer		EGRT	3
628-136 Statistical Process Control				3	EGRT 342 Measurement, Control & Data Acquisition		EGRT	
623-166 Lean Process & Quality Planning				3	EGRT 360 Engineering Project Management (3 cr.)		EGRT	
					EGRT 390 Mechatronics (4 cr.)		EGRT	
				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 365 Special Topics	EGR or EGRT	3
Program Transfer Credits		20	Major Program Credits Remaining		39
Other MPTC Quality & Advanced Manufacturing Technology Courses					
103-159 Computer Literacy	GEN ED	-	Non-transferable courses		
809-101 College 101					
623-106 Quality Tools <i>or</i> 628-132 Adv. CNC Programming & Operation	QUALITY & ADVANCED MANUFACTURING	3	EGRT 1 Elective Credit Bundle = 18 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).		
623-118 Gage Calibration & Testing <i>or</i> 628-122 Basic CNC Programming & Operation		3			
623-134 Basic CMM Programming & Operation <i>or</i> 628-142 Computer-Aided Manufacturing		3			
623-168 ISO 9001 & Auditing <i>or</i> 664-115 Robotics & Vision Systems		2			
623-196 Geometric Dimensioning & Tolerancing		3			
664-110 Introduction to Mechatronics		2			
664-120 Intro. to Industrial Internet of Things		2			
Elective Transfer Credits					
Total Transfer Credits		60	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 choices for Math, Behavioral Science, and Social Science electives, and there are other options available. Selecting from the recommended courses listed above will provide the most efficient credit transfer.
- ² This MPTC program includes an elective with options for either Math or Natural Science. While there are other choices available, it is recommended to take 806-143 College Physics 1 at MPTC to satisfy the Physics course requirement for the Mechanical Engineering Technology major at UW-Oshkosh.
- ³ 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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