

**An Articulation Agreement Between:  
University of Wisconsin Oshkosh (UW Oshkosh)  
Northeast Wisconsin Technical College (NWTC)**

**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, 2024

**Next Review Date:** May 1, 2026

New Agreement

Revised Agreement – original agreement signed Dec 2014  
– first revision signed July 2017  
– second 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 NWTC 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
- Northeast Wisconsin Technical College: The Higher Learning Commission

Here follows the curriculum agreed upon in this Articulation between UW Oshkosh and Northeast Wisconsin 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 Northeast Wisconsin 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 Northeast Wisconsin 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 Northeast Wisconsin 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](mailto:transfer@uwosh.edu)) for advising regarding course selection and the transfer process.

**Approved by:**

University of Wisconsin Oshkosh

Northeast Wisconsin Technical College

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Anne Stevens  
Dean of College of Letters & Science                      Date

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Amy Kox  
Dean of Trades & Engineering Technologies                      Date

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Edwin Martini  
Provost & Vice Chancellor                      Date

\_\_\_\_\_  
Kathryn Rogalski  
Vice President of Learning                      Date

\_\_\_\_\_  
Andrew Leavitt  
Chancellor                      Date

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Kristen Raney  
President                      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, 2024

Table accompanies new agreement

Revised table for existing agreement

**Transfer Course/Credit Articulation Table:**

Northeast Wisconsin 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			
<b>Table 1: General Education / Breadth Requirements*</b>						
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 Comm	3	COMM 111	Intro to Public Speaking (3 cr)	COMM	0
809 198	Intro to Psychology	3	PSCH 101	Psychology Elective (3 cr)	XS	0
809 172	Intro to Diversity Studies	3	SOC 13	Ethnic Studies Course (3 cr)	XS, ES	0
				Social Science Course (3 cr)	XS	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
<b>General Education Transfer Credits</b>		<b>12</b>	<b>General Education Total – 49-52 credits (includes general education credits from Table 2)</b>			<b>15</b>

\*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.

<b>Table 2: Major Program Requirements</b>						
Course	Title	Xfr Cr	Course	Title	Gen Ed Area	Req Cr
<b>Support Group (all courses required)</b>						
			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
806 154	General Physics 1	4	PHYS 171	College Physics I (5 cr)	XL	0
<b>Fundamentals Group (all courses required)</b>						
606 111	Mechanical Design – Exploring	1	EGR 105	Engineer Fundamentals (3 cr)		0
606 116	CAD Intro	1	EGR 110	Engineering Graphics (3 cr)		0
606 211	Mechanical AutoCAD Fund	2				
606 159	Engineering Materials – Intro	3	EGRT 116	Basic Manuf Processes (3 cr)		0
620 100	Fluids 1: Basic Pneumatics	1	EGRT 118	Fluid Control (3 cr)		1
620 101	Fluids 2: Basic Hydraulics	1				
	Refer to Note 2 for additional credit					
			EGRT 130	Electrical Circuits I (4 cr)	XL	4
606 160	Solidworks Fundamentals	1	EGRT 207	Parametric Modeling (3 cr)		0
606 106	Solidworks Intermediate	2				
606 145	Kinematics	2	EGRT 221	Machine Components (3 cr)		0
606 146	Cams & Gears	1				
			EGR 201	Engineering Statics (3 cr)		3
			EGR 202	Engineering Dynamics (3 cr)		3



1. Transfer students are strongly encouraged to consult with the UW Oshkosh Transfer Admissions Counselor ([transfer@uwosh.edu](mailto: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 Mathematics area, take 804 195 College Algebra with Applications and 804 196 Trigonometry with Applications because these transfer as MATH 104 College Algebra and MATH 106 Trigonometry, which are prerequisites for the required calculus courses that are in the Electrical Engineering Technology curriculum.
2. Transfer students can take 620 165 Fluids 3: Intermediate Hydraulics (1 cr) at NWTC to satisfy the EGRT 118 Fluid Control (3 cr) course requirement for the major in Mechanical Engineering Technology.
3. 606 148 Materials – Strength (3 cr) AND {MATH 161 Technical Calculus I (3 cr) OR MATH 171 Calculus I (5 cr)} AND EGRT 222 Engineering for Transfers: Mechanics of Materials (1 cr) will satisfy the EGR 203 Mechanics of Materials (4 cr) course requirement for the major in Mechanical Engineering Technology.
4. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
5. 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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