

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

**WTCS Degree Type and Program:** A.A.S. in Environmental Engineering – Waste & Water Technology  
**UW Degree Type and Major:** B.S. with a major in Environmental Engineering Technology

**Effective Date:** July 1, 2019

**Next Review Date:** May 1, 2021

New Agreement

Revised Agreement

**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 Environmental 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 UW Oshkosh 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 Environmental Engineering – Waste & Water Technology offered at NWTC and the B.S. degree in Environmental 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
- 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 Environmental Engineering – Waste & Water Technology; meet the admission requirements set forth below for the UW Oshkosh; and enroll in the B.S. degree with a major in Environmental 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 Environmental Engineering Technology at UW Oshkosh; course/credit requirements fulfilled at Northeast Wisconsin 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 Environmental 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 Northeast Wisconsin 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

Northeast Wisconsin Technical College

\_\_\_\_\_  
 Colleen McDermott Date  
 Dean of College of Letters & Science

\_\_\_\_\_  
 Mark Weber Date  
 Dean of Trades & Engineering Technologies

\_\_\_\_\_  
 John Koker Date  
 Provost & Vice Chancellor

\_\_\_\_\_  
 Lori Suddick Date  
 Vice President for Learning

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

\_\_\_\_\_  
 H Jeffrey Rafn Date  
 President

**Appendix A**  
**University of Wisconsin (UW) Oshkosh**

**WTCS Degree Type and Program:** A.A.S. in Environmental Engineering – Waster & Water Technology  
**UW Degree Type and Major:** B.S. with a major in Environmental Engineering Technology

**Effective Date:** July 1, 2019

Table accompanies new agreement       Revised table for existing agreement

**Transfer Course/Credit Articulation Table:**

Northeast Wisconsin Technical College A.A.S. in Environmental Engineering – Waste & Water Technology Transferable Courses/Credits				UW Oshkosh B.S. with a major in Environmental Engineering Technology All Program Course Requirements			
<b>Table 1: General Education / Breadth Requirements*</b>							
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
809 198	Intro to Psychology	Soc Sci	3	PSCH 101	General Psychology (3 cr)	XS	0
					Social Science Course	XS	3
					History Course (3 cr)	XS	3
					Ethnic Studies Course (3 cr)	XS, ES	3
					Humanities Course (3 cr)	XC	3
					Humanities Course (3 cr)	XC	3
					English Literature (3 cr)	XC	3
					Global Citizen Course (3 cr)	XC, GC	3
				ENGL 312	Advanced Composition (3 cr)	CONN	3
809 172	Intro to Diversity Studies	Soc Sci	3	SOC 1	Sociology Elective (3 cr)	elective	
801 197	Technical Reporting	Comm	3	ENGL 317	Technical Writing (3 cr)	elective	
<b>General Education Transfer Credits</b>			<b>15</b>	<b>General Education Total – 55-58 credits (includes gen ed credits from Table 2)</b>			<b>24</b>

\*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/>).

<b>Table 2: Major Program Requirements</b>							
Course	Title	Gen Ed Area	Xfr Cr.	Course	Title	Gen Ed Area	Req Cr.
<b>Support Courses (all courses required)</b>							
506 147	Environmental Biology – Refer to Note 1		4	BIO 104 BIO 105	Ecosphere in Crisis (4 cr) <b>or</b> Biological Concepts (4 cr)	XL	0
806 134	General Chemistry – Refer to Note 1		4	CHEM 105	General Chemistry I (5 cr)	XL, NS	0
506 148	Enviro Chem Analysis – Refer to Note 1		4	CHEM 106	General Chemistry II (5 cr)	XL, NS	0
				MATH 161 MATH 171	Technical Calc I (3 cr) <b>or</b> Calculus I (5 cr)	XM	3 <b>or</b> 5
				MATH 162 MATH 172	Technical Calc II (3 cr) <b>or</b> Calculus II (4 cr)		3 <b>or</b> 4
				MATH 201 MATH 301	Applied Statistics (3 cr) <b>or</b> Intro Probability & Stats (3 cr)		3
				PHYS 171 PHYS 191	General Physics I (5 cr) <b>or</b> General Physics I (5 cr)		5
<b>Fundamentals Group (all courses required)</b>							

607 237	Intro Civil Engr Tech		3	EGRT 101	Fund of Eng Technology (2 cr)		0
607 236	AutoCAD & Civil 3D		3	EGRT 105	Fund of Drawing (3 cr)		0
620 100	Fluids 1		1	EGRT 118	Fluid Control (3 cr)		0
620 101	Fluids 2		1				
506 164	Air Pollution Control		2	EGRT 201	Intro to Air Quality (2)		0
506 151	Wastewater Treatment		4	EGRT 202	Intro to Water & Waste (3 cr)		0
506 163	Solid & Hazardous Waste		2	EGRT 203	Intro to Solid Waste (2 cr)		0
506 150	Enviro Microbiology – Refer to Note 1		3	BIO 309	Bacteriology (5 cr)		0
506 168	Intro to GIS – Refer to Note 1		2	GEOG 241	Intro to GIS (3 cr)		0
				GEOG 304	Principles of Soil Science (3 cr)		3
<b>Advanced Study Group: Required</b>							
				EGRT 360	Project Management (3 cr)		3
<b>Advanced Study Group: Two or More of the Following</b>							
				EGRT 301	Adv Air Quality (3 cr)		3
				EGRT 302	Adv Water & Waste (3 cr)		3
				EGRT 303	Adv Solid Waste (3 cr)		
<b>Advanced Study Group: Two or More of the Following</b>							
				EGRT 371	Water Resource Engr (3 cr)		3
				EGRT 375	Renewable Energy (3 cr)		
				EGRT 377	Indust Safety & Hygiene (3 cr)		3
				EGRT 379	Environmental Law (3 cr)		
				EGRT 381	Env Data Analysis (3 cr)		
				GEOL 370	Hydrogeo Field Methods (3 cr)		
<b>Advanced Study Group: One or More of the Following</b>							
	Refer to Note 2			EGRT 400	Internship (1-3 cr)		1
	Refer to Note 2			EGRT 410	Capstone Project (3 cr)		
<b>Other NWTC Program Courses</b>							
506 146	Intro Enviro Science		3	ENVSTDS 260	Environmental Science (3 cr)		
506 149	Intro Enviro Compliance		3	EGRT 1	Elective – Refer to Note 3		
506 152	Industrial Safety		3	EGRT 1	Elective – Refer to Note 3		
506 166	Ground Water		2	EGRT 1	Elective – Refer to Note 3		
506 167	Surface Water		2	EGRT 1	Elective – Refer to Note 3		
620 165	Fluids 3		1	EGRT 1	Elective – Refer to Note 3		
620 220	Pumps		1	EGRT 1	Elective – Refer to Note 3		
664 100	Automation 1		1	EGRT 1	Elective – Refer to Note 3		
664 101	Automation 2		1	EGRT 1	Elective – Refer to Note 3		
890 101	College 101		0		No degree or elective credit		
804 113	College Tech Math 1A	Math	0		No degree or elective credit		
804 114	College Tech Math 1B	Math	0		No degree or elective credit		
<b>Major Program Transfer Credits</b>			<b>50</b>	<b>Major Program Minimum – 72 credits</b>			<b>33</b>
<b>Total Transfer Credits</b>			<b>65</b>	<b>Minimum Additional Credits to B.S. Degree (to satisfy gen ed, major &amp; 120 credit minimum)</b>			<b>57</b>

**Notes:**

1. This course will be accepted in lieu of the UW Oshkosh course via a Curriculum Modification to the Environmental Engineering Technology major requirements. The Wisconsin Technical College System course is not directly equivalent to the UW Oshkosh course; therefore, the transfer course will not satisfy any general education requirements listed – transfer students will be advised about their options for satisfying these requirements. The Curriculum Modification applies only to students pursuing the B.S. degree with a major in Environmental Engineering Technology.
2. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.

3. Elective credits may be used to satisfy total credit requirements for the Environmental Engineering Technology major (70 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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