

**University of Wisconsin (UW) Oshkosh
Fox Valley Technical College**

WTCS Degree Type and Program: A.A.S. in Automated Manufacturing Systems Technology
UW Degree Type and Major: B.S. with a major in Electrical Engineering Technology

Effective Date: July 1, 2017

Next Review Date: May 1, 2019

☐ New Agreement

☒ Revised Agreement – original agreement signed 28 Jan 2015

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 Electrical 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 Automated Manufacturing Systems Technology offered at FVTC and the B.S. degree in Electrical 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
- Fox Valley Technical College: The Higher Learning Commission

Here follows the curriculum agreed upon in this Articulation between UW Oshkosh and Fox Valley 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 Fox Valley Technical College students who successfully complete the A.A.S. degree in Automated Manufacturing Systems Technology; meet the admission requirements set forth below for the UW Oshkosh; and enroll in the B.S. degree with a major in Electrical 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 Electrical Engineering Technology at UW Oshkosh; course/credit requirements fulfilled at Fox Valley 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 Electrical 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.

Format satisfies UW System Guidelines for Articulation Agreements outlined in the [Academic Information Series ACIS 6.2](#)

Wisconsin Technical College System and University of Wisconsin System
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT TEMPLATE


- 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 Fox Valley 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


Fox Valley Technical College

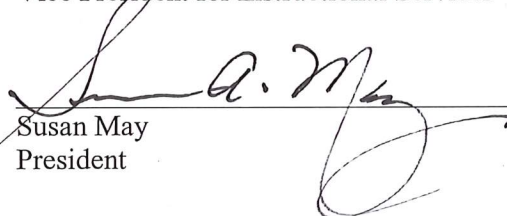

John Koker
Dean of College of Letters & Science
6/22/17
Date


Steven Straub
Dean of Manufacturing & Agricultural Tech
7-11-17
Date


Lane Earns
Provost & Vice Chancellor
6/26/17
Date


Christopher Matheny
Vice President for Instructional Services
7/17/17
Date


Andrew Leavitt
Chancellor
6/26/17
Date


Susan May
President
7-17-17
Date

Appendix A
University of Wisconsin (UW) Oshkosh

WTCS Degree Type and Program: A.A.S. in Automated Manufacturing Systems Technology
UW Degree Type and Major: B.S. with a major in Electrical Engineering Technology

Effective Date: July 1, 2017

☐ Table accompanies new agreement

☒ Revised table for existing agreement

Transfer Course/Credit Articulation Table:

Fox Valley Technical College A.A.S. in Automated Manufacturing Systems Technology Transferable Courses/Credits				UW Oshkosh B.S. with a major in Electrical Engineering Technology All Program Course Requirements			
Table 1: General Education / Breadth Requirements*							
Course	Title	Gen Ed Area	Cr.	Course	Title	Gen Ed Area	Req Cr.
801 195	Written Communication	Comm	3	WBIS 188	Writing Based Inquiry Seminar (3 cr)	WBIS	0
801 196	Oral/Interpersonal Comm	Comm	3	COMM 111	Intro to Public Speaking (3 cr)	COMM	0
809 195	Economics	Soc Sci	3	ECON 106	General Economics (3 cr)	XS, SS	0
809 199	Psych of Human Relation	Soc Sci	3	PSYCH 1	Psychology Elective (3 cr)	XS, SS	0
					History Course (3 cr)	XS, SS	3
					Ethnic Studies Course (3 cr)	XS, SS, ES	3
					Humanities Course (3 cr)	XC, HU	3
					Humanities Course (3 cr)	XC, HU	3
					English Literature (3 cr)	XC, HU	3
					Global Citizenship Course (3 cr)	XC, HU GC	3
				ENGL 312	Advanced Composition	CONN	3
General Education Transfer Credits			12	General Education Total – 54 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 (<http://www.wisconsin.edu/transfer/wizards/>).

Table 2: Major Program Requirements							
Course	Title	Gen Ed Area	Cr.	Course	Title	Gen Ed Area	Req Cr.
	No equivalent in program curriculum – see Note 1			MATH 171	Calculus I (4 cr)	XM	4
	No equivalent in program curriculum – see Note 1			MATH 172	Calculus II (4 cr)	NS	4
	No equivalent in program curriculum – see Note 1			PHYS 107 PHYS 109	General Physics I or General Physics I (5 cr)	XL, NS	5
	Waived – see Note 2			ENGR 101	Fund of Eng Technology – (2 cr)		0
628 187 628 188	AutoCAD Fundamentals Blueprint & AutoCAD		1 1	ENGR 105	Fundamentals of Drawing (3 cr)		0
660 110 660 111 660 114	DC Circuits 1 DC Circuits 2 AC Circuits 1		1 1 1	ENGR 130	Basic Electrical Circuits I (4 cr)	XL, NS	0

Wisconsin Technical College System and University of Wisconsin System
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT TEMPLATE

660 112	DC Circuits 3 + additional credits – see Note 1		1	ENGR 131	Basic Electrical Circuits II (4 cr)	XL, NS	2
628 101	Concepts of Program		1	CMPSCI 142	Intro to Programming (3 cr)		0
628 181	Visual Basic Program 1		1				
628 182	Visual Basic Program 2		1				
660 128	Semiconductors 1 + additional credits – see Note 1		1	ENGR 232	Semiconductor Devices (3 cr)		2
660 170	Ladder Logic & Control		1	ENGR 240	Logic & Control Devices (3 cr)		0
628 151	PLC 1		1				
628 152	PLC 2		1				
620 148	Motors & Drives 1		1	ENGR 320	Motors & Drives (4 cr)		1
620 142	Motors & Drives 2 + additional credit – see Note 1		1				
	No equivalent			ENGR 325	Signals & Systems (4 cr)		3
	No equivalent			ENGR 333	Linear Circuits (3 cr)		3
628 153	PLC 3		1	ENGR 340	Advanced PLCs (3 cr)		0
628 154	PLC 4		1				
628 155	PLC 5		1				
628 171	Inst & Process Control 1		1	ENGR 342	Measure, Control & Data (3 cr)		0
628 172	Inst & Process Control 2		1				
628 173	Inst & Process Control 3		1				
620 131	Elec Power Distribution 1		1	ENGR 346	Electric Power Systems (3 cr)		0
620 132	Elec Power Distribution 2		1				
	No equivalent			ENGR 350	Data Comm & Protocols (3 cr)		3
	No equivalent			ENGR 352	Communication Systems (3 cr)		3
	No equivalent in program curriculum – see Note 1			ENGR 360	Eng Project Management (3 cr)		3
628 140	Intro Cell Integration		1	ENGR 390	Mechatronics (4 cr)		0
628 141	Cell Integration		3				
	No equivalent – see Note 3			ENGR 400 ENGR 410	Internship (1-3 cr) or Capstone Project (3 cr)		1
620 111	Fluid Power 1		1	ENGR 118	Fluid Control – see Note 4		
620 112	Fluid Power 2		1				
620 164	Elements of Machines 1		1	ENGR 1	Elective credit – see Note 5		
620 165	Elements of Machines 2		1	ENGR 1	Elective credit – see Note 5		
620 188	System Troubleshooting		1	ENGR 1	Elective credit – see Note 5		
628 159	Operator Interfaces		1	ENGR 1	Elective credit – see Note 5		
628 176	Enterprise Integration 1		1	ENGR 1	Elective credit – see Note 5		
628 177	Enterprise Integration 2		1	ENGR 1	Elective credit – see Note 5		
628 161	Robotics 1		1	ENGR 1	Elective credit – see Note 5		
628 162	Robotics 2		1	ENGR 1	Elective credit – see Note 5		
628 113	Electronic Const App		1	ENGR 1	Elective credit – see Note 5		
	Technical Electives		1				
660 181	Tech Software Essentials				No degree or transfer credit		
660 184	Computer Systems				No degree or transfer credit		
660 185	Comp Sys & Net				No degree or transfer credit		
804 113	College Tech Math 1A	Math			No degree or transfer credit		
804 133	Math & Logic	Math			No degree or transfer credit		

Wisconsin Technical College System and University of Wisconsin System
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT TEMPLATE

Major Program Transfer Credits	39	Major Program Minimum – 68 credits	34
Total Transfer Credits	51	Minimum Additional Credits to B.S. Degree (to satisfy gen ed, major & 120 credit minimum)	69

Notes:

1. Additional coursework available at Fox Valley Technical College is transferable to satisfy this Electrical Engineering Technology program requirement. Visit the UW System Transfer Information System (TIS) Wizards (<http://www.wisconsin.edu/transfer/wizards/>) and select the appropriate UW Oshkosh department to check for equivalent courses.
2. Transfer students with an Associate of Applied Science degree in Automated Manufacturing Systems Technology are not required to complete the ENGR 101 Fundamentals of Engineering Technology course for the Bachelor of Science in Electrical Engineering Technology degree. Total UW Oshkosh program and degree credit requirements must still be satisfied.
3. A UW Oshkosh faculty member will serve as the advisor for the Internship or Capstone Project requirement.
4. This UW Oshkosh course is not required for the Electrical Engineering Technology major. Transfer students may use these credits to satisfy total credit requirements for the Electrical Engineering Technology major (69 credits minimum) and the B.S. degree (120 credits minimum).
5. Elective credits may be used to satisfy total credit requirements for the Electrical Engineering Technology major (69 credits minimum) and the B.S. degree (120 credits minimum).

This articulation agreement may be retrieved from: <http://www.uwosh.edu/engineeringtech/students/for-transfer-students>

Questions regarding this agreement may be directed to:

Dennis Rioux, Coordinator

University of Wisconsin Oshkosh

Department of Engineering Technology

rioux@uwosh.edu 920 424 4429

