

**ARTICULATION AGREEMENT
BETWEEN
UNIVERSITY OF WISCONSIN-STOUT
AND
WESTERN TECHNICAL COLLEGE**

This updated Agreement is entered into between **Western Technical College** (hereinafter sending institution), and the **University of Wisconsin-Stout, Menomonie, WI** (hereinafter receiving institution). This updated Agreement and any amendments and supplements, shall be interpreted pursuant to the guidelines set forth in the University of Wisconsin System Academic Information Series (ACIS) policy 6.2 Guidelines for Articulation Agreements between UW System Institutions and WTCS Districts as well as policy 6.0 Undergraduate Transfer Policy. Both institutions agree to maintain accreditation by the Higher Learning Commission of the North Central Association of Colleges and Schools and any other accreditation currently in existence pertaining to degree programs articulated via the transfer agreement.

The sending institution has established an **A.A.S. Mechatronic & Robotics Engineering Technology** (hereinafter sending program), and the receiving institution has established an online **B.S. Automation Leadership** (hereinafter receiving program) and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

I. Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions to include:
 - 1. General Education, Racial & Ethnic Studies, and Global Perspective requirements.
 - 2. A minimum of 32 credits must be earned from UW-Stout to receive a degree from UW-Stout.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply.
- D. Students must be concurrently enrolled in or have completed the Smart Automation Certification Alliance (SACA) core upon admission into the receiving institution's program.

II. Transfer of Credits

- A. The receiving institution will apply 73 of the 85 credits from the sending program (AAS and SACA requirements). A total of 47 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Articulation Table.
- C. To provide flexibility to students pursuing this pathway, students can choose to receive the 21 credits for the SACA certification in one of the following three ways:
 - a. Transfer 21 credits from the sending institution or other technical college partners.
 - b. Receive the SACA certification through other options (i.e., industry partners that offer the SACA certification exam). Students following this pathway will utilize Prior Learning Credit either through a technical college partner or UW-Stout to earn credit.
 - c. A combination of option A and B above.

UNIVERSITY OF WISCONSIN-STOUT

- D. Elective courses taken or substituted at the sending institution and sending program not listed in this updated agreement will be reviewed on a case-by-case basis and determined how they may apply to the degree at the receiving institution.

III. Implementation and Review

- A. The Provost, Dean, Program Director, or designees of the parties to this updated agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure, and guidelines, and conducting a periodic review of this agreement.
- B. This updated Articulation Agreement is effective on 08/15/2025 and shall remain in effect until the end date of 08/15/2030 or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This updated Articulation Agreement will be reviewed by both parties beginning 02/15/2030 (within six months of the end date).
- E. When a student enrolls at the receiving institution following this agreement, the receiving institution will encode any course waivers and substitutions.
- F. This updated articulation agreement applies only to the receiving program in effect Fall 2025 until revised.

PROGRAM ARTICULATION TABLE										
Western Technical College				University of Wisconsin-Stout						
Program name		Mechatronic & Robotic Engineering Technology			Automation Leadership					
Award Type (e.g., AAS)		AAS			BS					
Credit Length		64 credits + 21 credits SACA = 85 credits			120 credits					
Program admission requirements (if any)										
SECTION A - General Education										
Western Technical College				University of Wisconsin Stout						
Course Prefix & Number	Course Name		Credits	Course Prefix & Number	Course Name	GE	RES GLP	Credits Applied	Credits NOT Applied	Equiv Sub Way
General Education										
801-196	Oral/Interpersonal Communication		3	^COMST-GXX	Communication Studies Stout Core	COMSK		3		Equiv
804-107	College Math		3	MATH-GXX	Mathematics Stout Core	ARNS		3		Equiv
809-198	Intro to Psychology		3	PSYC-110	Intro to Psychology	SBSC		3		Equiv
809-195	Economics		3	ECON-201	General Economics	SBSC	GLP	3		Equiv
General Education Total			12	Section A Subtotal				12	0	
Special Notes, if any:										
^ Per a UW-Stout transfer rule this course will satisfy UW-Stout's COMST-100 Stout Core requirement.										


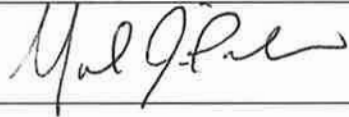

SECTION B – Major, Concentration, Emphasis, Electives, or Other

Professional Core (40 credits)							
620-103	Industrial Electricity	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-135	Basic Industrial Controls	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-137	PLC Fundamentals	3	ETECH-XXX	Engineering Technology Elective	3		Equiv
664-102	Intro to Industrial Control Systems	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-110	Intro to Mechatronics	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-120	Motors and Drives	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-139	Advanced PLC Programming	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-143	Industrial Electronics	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-164	Automation Systems Integration	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-107 And 664-120	Intro to Industrial Robotics Intro to Industrial Internet of Things	2 2	ETECH-230 And ETECH-XXX	Industrial Robotics & IoT Fundamentals and Engineering Technology Elective	3	1	Equiv
620-102	Intro to Process Controls	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-112	Fluid Power Fundamentals	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-144	Mechanical Drives	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
620-165	Robotic Maintenance	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-103	Safeguarding & Safety Circuits	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-101	Tag Based HMI/SCADA Systems	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-105	Robotics Applications	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-109	Automated Systems Troubleshooting	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
664-111	Advanced IO Devices Applications	2	ETECH-XXX	Engineering Technology Elective	2		Equiv
SACA Certificate Transfer Core (21 credits)							
Students can choose to complete any 7 of the following 14 credentials. See Section 2C above for more details.							
C-211	Industry 4.0 Total Productive Maintenance Management	3	ET-XCX	SACA Certificate Elective	3		Sub
C-305	Industry Electronic Systems 1	3	ET-XCX	SACA Certificate Elective	3		Sub
C-308	Variable Frequency Drive Systems 2	3	ET-XCX	SACA Certificate Elective	3		Sub
C-309	Programmable Controller Systems 2	3	ET-XCX	SACA Certificate Elective	3		Sub
C-310	Ethernet Communications 2	3	ET-XCX	SACA Certificate Elective	3		Sub
C-312	Robot Systems Integration 2	3	ET-XCX	SACA Certificate Elective	3		Sub
C-313	Smart Factory Systems 2	3	ET-XCX	SACA Certificate Elective	3		Sub
C-359	Programmable Controller Systems 3	3	ET-XCX	SACA Certificate Elective	3		Sub
C-362	Machine Vision Systems 1	3	ET-XCX	SACA Certificate Elective	3		Sub
C-306	Industrial Electronic Systems 2	3	ET-XCX	SACA Certificate Elective	3		Sub
C-307	Electronic Systems Installation 1	3	ET-XCX	SACA Certificate Elective	3		Sub
C-358	Autonomous Mobile Robot Systems 1	3	ET-XCX	SACA Certificate Elective	3		Sub
C-360	Motion Control Systems 1	3	ET-XCX	SACA Certificate Elective	3		Sub
C-361	Programmable Conveyor Systems 1	3	ET-XCX	SACA Certificate Elective	3		Sub
890-106	Strengths Seminar	1	Not applicable to UW-Stout's program requirements.				
664-106	Mechatronics Internship	1					
664-125	3D Printing	1					
620-114	Siemens Control Systems	2					
620-142	Industrial Networking Applications	1					
606-163	AutoCAD	2					
801-197	Technical Reporting	3					
Major, Emphasis, Unrestricted Electives Total		73	Section B Subtotal			61	12
Total College Credits Applied (sum of sections A and B)					73	12	
Special Notes, if any:							

SECTION C - Remaining University of Wisconsin-Stout Requirements				
		Stout Core		
		ENGL-101	Composition 1	3
		ENGL-102	Composition 2	3
			Natural Science with Lab	4
			Analytical Reasoning Natural Sciences Stout Core	3
			Arts and Humanities Stout Core	6
			Social Responsibility and Ethical Reasoning Stout Core	3
			Stout Core Electives	6
			Remaining Stout Core General Ed Subtotal	28
		Program Core		
		INMGT-365 or -565	Project Management	3
		INMGT-400 or -600	Organizational Leadership	3
		INMGT-440 or -640	Lean Enterprise	3
		INMGT-441	Digital Transformation	3
		INMGT-442	Internet of Things in Operations	3
		INMGT-443	Automation Leadership Capstone	3
		INMGT-449	Cooperative Education Experience	1
			Remaining Program Core Subtotal	19
			Total Remaining UW-Stout Credits	47
		Special Notes, if any:		

SECTION D - Summary of Total Program Credits			
Western Technical College Credits		University of Wisconsin Stout Requirements	
General Education	12		
Major, Concentration Emphasis, Electives or Other	52		
SACA Certification Core	21		
Total College Credits	85		
		Total College Credits Applied	73
		Remaining credit to be taken at University of Wisconsin-Stout	47
		Total Program Credits	120
Special Notes, if any:			

SIGNATURE BLOCKS

Western Technical College	Name	Signature	Date
Vice President of Learning	Dr. Rebecca Hopkins		8/13/25
Dean of Integrated Technology	Michael Pollinger		09.02.25
Associate Dean of Integrated Technology	Mark Moulton		9/2/25
University of Wisconsin-Stout	Name	Signature	Date
Program Director	David Ding	Xuedong (David) Ding	08/11/2025
Dean	Dan Freedman	Dan Freedman	08/11/2025
Provost	Glendali Rodriguez	Glendali Rodriguez	08/12/2025

Agreement contact Persons:

UW-Stout: Darren Ward, warddar@uwstout.edu, 715-232-1787

