

**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. Electromechanical 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**


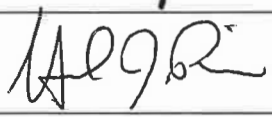

- A. The receiving institution will apply 73 of the 85 credits from the sending program (AAS and SACA requirements). A total of 47 credits remain to complete the receiving program.
- B. Courses will transfer as described in the attached Program Articulation Table.
- C. To provide flexibility to students 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**

## 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	ETECH-230 ETECH-XXX	Industrial Robotics & IoT Fundamentals and Engineering Technology Elective		3	1	Equiv
420-105	Machining for Maintenance	3	ETECH-XXX	Engineering Technology Elective		3		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
442-109	Welding for Maintenance	3	ETECH-XXX	Engineering Technology Elective		3		Equiv
620-102	Intro to Process Controls	2	ETECH-XXX	Engineering Technology Elective		2		Equiv
664-109	Automated Systems Troubleshooting	2	ETECH-XXX	Engineering Technology Elective		2		Equiv
<b>SACA Certificate Transfer Core (21 credits)</b> 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	<b>Not applicable to UW-Stout's program requirements.</b>					
462-105	Pipefitting for Manufacturing Maintenance	3						
620-142	Industrial Networking Applications	1						
620-114	Siemens Control Systems	2						
620-180	Electromechanical Internship	1						
801-197	Technical Reporting	3						
<b>Major, Emphasis, Unrestricted Electives Total</b>		<b>73</b>	<b>Section B Subtotal</b>			<b>61</b>	<b>12</b>	
<b>Total College Credits Applied (sum of sections A and B)</b>						<b>73</b>	<b>12</b>	
<b>Special Notes, if any:</b>								

## SIGNATURE BLOCKS

<b>Western Technical College</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
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		9/3/25
<b>University of Wisconsin-Stout</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
Program Director	David Ding	<b>Xuedong (David) Ding</b>	<b>08/11/2025</b>
Dean	Dan Freedman	<b>Dan Freedman</b>	<b>08/11/2025</b>
Provost	Glendali Rodriguez	<b>Glendali Rodriguez</b>	<b>08/12/2025</b>

Agreement contact Persons:

UW-Stout: Darren Ward, [warddar@uwstout.edu](mailto:warddar@uwstout.edu), 715-232-1787