ARTICULATION AGREEMENT
BETWEEN
UNIVERSITY OF WISCONSIN-STOUT
AND
GATEWAY TECHNICAL COLLEGE

This updated Agreement is entered into between **Gateway 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. Advanced Manufacturing 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 79 of the 86 credits from the sending program (AAS and SACA requirements). A total of 41 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 Gateway Technical College 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.

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 08/01/2024 and shall remain in effect until the end date of 08/01/2029 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 02/01/2029 (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 2024 until revised.

PROGRAM ARTICULATION TABLE

	Gateway Technical College	University of Wisconsin-Stout
Program name	Advanced Manufacturing Technology	Automation Leadership
Award Type (e.g., AAS)	A.A.S.	B.S.
Credit Length	65 +SACA Certification (21) =86 credits	120 credits
Program admission requirements (if any)		Minimum Cumulative 2.0 GPA required

SECTION A - General Education

Gateway 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 Wav
General Education									
801-136	English Composition 1	3	*ENGL 101	Composition 1	COMSK		3		Equiv
801-198	Speech	3	^COMST-GXX	Communication Skills Stout Core	COMSK		3		Equiv
804-135	Quantitative Reasoning	3	MATH-GXX	Mathematics Stout Core	ARNS		3		Equiv
809-195	Economics	3	ECON-201	General Economics	SBSC	GLP	3		Equiv
809-198	Intro to Psychology	3	PSYC-110	Intro to Psychology	SBSC		3		Equiv
General Education Total		**15**	**Section A Subtotal**				**15**	**0**	

Special Notes, if any:

*A grade of C- or better is required to move on to ENGL 102 Composition 2.

^ Per a transfer rule at UW-Stout this course will cover the public speaking requirement within the Stout Core general education.

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

			Professional Core					
612-102	Intro to Pneumatics and Hydraulics	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
664-100	Intro to Industrial Control Systems	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-105	Intro to Industrial Robots	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-110	Intro to Mechatronics	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-116	Intro to Manufacturing Quality Control Systems	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
620-108	Fundamentals of Industrial Controls	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
664-103	Motor Controls for Manufacturing	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
664-104	Industrial Control System Applications	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-112	Fundamentals of Machining Processes	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
664-118	PLC and HMI Programming	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
606-128	CAD Solidworks	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-119	Advanced Manufacturing Network Systems	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
664-121	Vision and Smart Sensors	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-123	Advanced Industrial Robotics	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-117	Materials and Processes	2	ETECH-XXX	Engineering and Technology Elective		2		Equiv
664-124	Integrated Systems Capstone	3	ETECH-XXX	Engineering and Technology Elective		3		Equiv
664-120	Intro to Industrial Internet of Things	2	ETECH-XXX	Engineering and Technology Elective		1	1	Equiv
			Program Core					
664-113	Leadership for Advanced Manufacturing	3	INMGT-XXX	Industrial Management Electives ***Sub for INMGT-365:Project Mngt***		3		Sub
			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 Electives		3		Sub
C-305	Industry Electronic Systems 1	3	ET-XCX	SACA Certificate Electives		3		Sub
C-308	Variable Frequency Drive Systems 2	3	ET-XCX	SACA Certificate Electives		3		Sub
C-309	Programmable Controller Systems 2	3	ET-XCX	SACA Certificate Electives		3		Sub
C-310	Ethernet Communications 2	3	ET-XCX	SACA Certificate Electives		3		Sub
C-312	Robot Systems Integration 2	3	ET-XCX	SACA Certificate Electives		3		Sub
C-313	Smart Factory Systems 2	3	ET-XCX	SACA Certificate Electives		3		Sub
C-359	Programmable Controller Systems 3	3	ET-XCX	SACA Certificate Electives		3		Sub
C-362	Machine Vision Systems 1	3	ET-XCX	SACA Certificate Electives		3		Sub
C-306	Industrial Electronic Systems 2	3	ET-XCX	SACA Certificate Electives		3		Sub
C-307	Electronic Systems Installation 1	3	ET-XCX	SACA Certificate Electives		3		Sub
C-358	Autonomous Mobile Robot Systems 1	3	ET-XCX	SACA Certificate Electives		3		Sub
C-360	Motion Control Systems 1	3	ET-XCX	SACA Certificate Electives		3		Sub
C-361	Programmable Conveyor Systems 1	3	ET-XCX	SACA Certificate Electives		3		Sub
890-155	Gateway for Success	1	**Not applicable to UW-Stout's program requirements. See Section E for credit awarded (if applicable).**					
664-115	Interpreting Engineering Drawings	2						
628-109	Mechanical Skills for Technicians	3						
Major, Emphasis, Unrestricted Electives		**71**			**Section B Subtotal**	**64**	**7**	
					Total College Credits Applied (sum of sections A and B)	**79**	**7**	

Special Notes, if any:

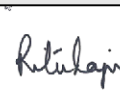
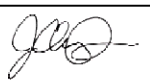
SECTION C - Remaining University of Wisconsin-Stout Requirements

Stout Core General Education		
ENGL-102	Composition 2	3
	Natural Science with a Lab (ARNS)	4
	Analytical Reasoning and Natural Sciences Stout Core	3
	Arts and Humanities Stout Core	6
	Social Responsibility and Ethical Reasoning Stout Core	3
	Stout Core General Education Electives	6
	General Education Subtotal	**25**

	Program Core		
	INMGT-400 **or** -600	Organizational Leadership	3
	INMGT-440 **or** -640	Lean Enterprise	3
	INMGT-441 **or** -641	Digital Transformation	3
	INMGT-442 **or** -642	Internet of Things in Operations	3
	INMGT-443	Automation Leadership Capstone	3
	INMGT-449	Cooperative Education Experience	1
		Program Core Subtotal	**16**
		Total Remaining UW-Stout Credits	**41**
Special Notes, if any:			

SECTION D - Summary of Total Program Credits			
Gateway Technical College Credits		**University of Wisconsin-Stout Requirements**	
General Education	15		
Major, Concentration Emphasis, Electives	50		
SACA Certification Core	21		
Total College Credits	86	**Total College Credits Applied**	79
		Remaining credit to be taken at University of Wisconsin-Stout	41
		Total Program Credits	120
Special Notes, if any:			

SIGNATURE BLOCKS

Gateway Technical College	Name	Signature	Date
President/CEO	Dr. Ritu Raju		7/30/2024
Executive Vice President – Academic Affairs	Dr. Matthew Janisin		7/24/24
Dean	J. Chris Perez		7/23/2024
University of Wisconsin-Stout	Name	Signature	Date
Provost	Dr. Glendalí Rodriguez	**Glendali Rodriguez**	**08/01/2024**
Program Director	David Ding	**Xuedong (David) Ding**	**07/31/2024**
Dean	Dan Freedman	**Dan Freedman**	**08/01/2024**

Agreement contact Persons:
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