

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. Electrical 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 86 of the 90 credits from the sending program (AAS and SACA requirements). A total of 34 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 | Electrical Engineering Technology | | | Automation Leadership | | | | | | |
| Award Type (e.g., AAS) | A.A.S. | | | B.S. | | | | | | |
| Credit Length | 69 +SACA Certification (21) =90 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 | |
| 804-115 | College Technical Math 1 | 5 | MATH-120 and MATH-GXX | College Algebra And Mathematics Stout Core | ARNS GE SEL | | 4 1 | | Equiv | |
| 804-197 | College Algebra and Trig with Apps | 5 | MATH-121 And MATH-GXX | Trigonometry And Mathematics Stout Core | ARNS GE SEL | | 3 2 | | Equiv | |
| 804-198 | Calculus 1 | 4 | MATH-153 | Calculus 1 | GE SEL | | 3 | 1 | Equiv | |
| 809-198 | Intro to Psychology | 3 | PSYC-110 | Intro to Psychology | SBSC | | 3 | | Equiv | |
| 809-196 | Intro to Sociology | 3 | SOC-110 | Intro to Sociology | SBSC | GLP | 3 | | Equiv | |
| 806-154 | General Physics | 4 | PHYS-241 | College Physics 1 | ARNS | | 3 | 1 | Equiv | |
| General Education Total | | 27 | Section A Subtotal | | | | 25 | 2 | | |
| Special Notes, if any: | | | | | | | | | | |
| *A grade of C- or better is required to move on to ENGL 102 Composition 2. | | | | | | | | | | |

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

| | | | Professional Core | | | |
|--|--|-----------|--|-------------------------------------|-----------|----------|
| 605-113 | DC/AC 1 | 3 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 605-130 | Digital Electronics | 4 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 605-114 | DC/AC 2 | 3 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 605-120 | Electronic Devices 1 | 4 | ETECH-XXX | Engineering and Technology Elective | 4 | Equiv |
| 605-121 | Electronic Devices 2 | 4 | ETECH-XXX | Engineering and Technology Elective | 4 | Equiv |
| 605-133 | Industrial Data Communications | 3 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 605-190 | Microprocessors | 4 | ETECH-XXX | Engineering and Technology Elective | 4 | Equiv |
| 662-105 | Advanced Circuits | 3 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 804-181 | Calculus 2 | 4 | MATH-154 | Calculus 2 | 4 | Sub |
| 605-150 | Industrial Electronics | 3 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 662-106 | Advanced Electronics | 3 | ETECH-XXX | Engineering and Technology Elective | 3 | Equiv |
| 801-197 | Technical Reporting | 3 | ENGL-320 | Professional and Technical Comm | 2 | 1 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 to Success | 1 | Not applicable to UW-Stout's program requirements. See Section E for credit awarded (if applicable). | | | |
| Major, Emphasis, Unrestricted Electives | | 63 | Section B Subtotal | | 61 | 2 |
| | | | Total College Credits Applied (sum of sections A and B) | | 86 | 4 |

Special Notes, if any:




SECTION C - Remaining University of Wisconsin-Stout Requirements

| | | | |
|--|------------------------------|--|----|
| | Stout Core General Education | | |
| | ENGL-102 | Composition 2 | 3 |
| | COMST-100 | Fundamentals of Communication | 3 |
| | | Arts and Humanities Stout Core | 6 |
| | | Social Responsibility and Ethical Reasoning Stout Core | 3 |
| | | General Education Subtotal | 15 |
| | 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 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 | 19 |
| | | Total Remaining UW-Stout Credits | 34 |
| | Special Notes, if any: | | |

Special Notes, if any:

| SECTION D - Summary of Total Program Credits | | | |
|--|----|---|-----|
| Gateway Technical College Credits | | University of Wisconsin-Stout Requirements | |
| General Education | 27 | | |
| Major, Concentration Emphasis, Electives | 42 | | |
| SACA Certificate Core | 21 | | |
| Total College Credits | 90 | Total College Credits Applied | 86 |
| | | Remaining credit to be taken at University of Wisconsin-Stout | 34 |
| | | 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. Glendali Rodriguez | Dan Freedman 08/01/2024 | 08/01/2024 |
| Program Director | David Ding | Glendali Rodriguez | 07/31/2024 |
| Dean | Dan Freedman | Xuedong (David) Ding | 07/31/2024 |

Agreement contact Persons:

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