
PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT

**Northeast Wisconsin Technical College
Automation Engineering Technology
Associate of Applied Science**

**University of Wisconsin – Green Bay
Bachelor of Science Degree
Electrical Engineering Technology Major**

Effective Date: 06/01/2022

Review Date: 06/01/2024

New Agreement Revised Agreement – Original Date July 2017

This Articulation Agreement (“Agreement”) dated _____ between The Board of Regents of the University of Wisconsin System, d.b.a. the University of Wisconsin - Green Bay (“UW-Green Bay”), and Northeast Wisconsin Technical College (“NWTC”) supersedes all prior agreements for the Program named below.

Introduction and Rationale:

In accordance with the University of Wisconsin System guidelines for articulation agreements between UW System Institutions and WTCS (Wisconsin Technical College System) Districts, this Agreement will allow required coursework taken in the Automation Engineering Technology program at NWTC to transfer and satisfy requirements within the Bachelor of Science Degree, Electrical Engineering Technology major at UW-Green Bay.

The purpose of this Agreement is to provide a seamless transfer process for students from NWTC who desire further education to enter UW-Green Bay. Students completing the Associate Degree will meet the desired learning outcomes for some of the fundamental and supporting courses in the Electrical Engineering Technology major.

Conditions:

The terms of this Articulation Agreement apply only to NWTC students who successfully complete the Automation Engineering Technology Associate Degree, meet the admission requirements for UW-Green Bay, and have a Declaration of Major e-form approved for the Electrical Engineering Technology major. Students who change their major at UW-Green Bay to something other than Electrical Engineering Technology will be subject to having the block equivalency transfer credits removed from their record.

Students are required to successfully complete all UW-Green Bay degree requirements to earn a UW-Green Bay degree.

Articulated Courses:

Students who successfully complete the Automation Engineering Technology program at NWTC and meet the admission requirements of UW-Green Bay will transfer 62 credits towards the Bachelor of Science degree, Electrical Engineering Technology major. Credits will be assigned by course-to-course and block equivalency as listed in the tables on the next page.

Course-to-Course Equivalencies

Number	Title	Cr	Number	Title	Cr
801-136	English Composition 1	3	WF 100	First Year Writing	3
801-196	Oral/Interpersonal Comm	3	COMM 166	Interpersonal Comm	3
801-197	Technical Reporting	3	COMM	Elective Credit	3
809-198	Intro to Psychology	3	PSYCH 102	Intro to Psychology	3
806-154	General Physics 1	4	PHYSICS 103	Fundamentals Physics 1	4
809-172	Intro to Diversity Studies	3	HUM STUD 213	Ethnic Diversity	3
664-100	Automation 1: Control Logic	1	ENGR 328	Microcontrollers and PLC	3
664-101	Automation 2: Motor Control	1			
664-102	Automation 3: PLC	1	ENGR 320	Energy Conversion Elective Credit	3 2
605-157	Power Electronics 1	1			
605-158	Power Electronics 2	1			
605-159	Power Electronics 3	1			
620-161	Power Electricity 1	1			
620-162	Power Electricity 2	1			

Total Course to Course Equivalency Credits: 27

Block Equivalency

Number	Title	Cr	Number	Title	Cr
890-101	College 101	1			
620-144	Basic Mechanics	1			
660-116	Introduction to AC/DC	2			
606-116	CAD-Intro	1			
606-212	CAD- ECD	1			
620-140	Machine Wiring and Safety	1	ET 101	Fund. Of Engineering Tech.	2
664-103	Automation 4: PLC	1	ET 105	Fundamentals of Drawing	3
664-104	Automation 5: PLC	1	ET 250	Cont. Signals Linear Systems	3
664-105	Automation 6: PLC	1	ENGR 120	Electrical Circuits 1	3
664-150	Automation 7: PLC	1	ENGR 121	Electrical Circuits 1 Lab	1
664-151	Automation 8: HMI	1	ENGR 210	Electrical Circuits 2	3
664-152	Automation 9: HMI	1	ENGR 211	Electrical Circuits 2 Lab	1
664-153	Automation 10: Network	1	ENGR 222	Electronic Devices	3
664-170	Safety Devices and Appl.	1	ENGR 223	Electronic Devices Lab	1
664-160	Control 1: Discrete	1	ENGR 224	Electr. Codes, Safety, Stand.	2
664-161	Control 2: Process	1	ENGR 321	Energy Conversion Lab	1
664-162	Control 3: Motion	1	ENGR 329	Microcon. & PLC Lab	1
664-163	Control 4: Servo Systems Camm	1	ENGR 346	Electrical Power Systems	3
664-164	Control 5: Servo System Regist	1	MATH 101	Advanced Algebra	2
665-165	Control 6: Process Control	1			
664-189	Automation Systems Integration	3	ET/ENGR	Upper Level Elective	3
620-100	Fluids 1	1			
620-101	Fluids 2	1			
620-170	Robotics – Intro	1			
620-172	Robotic Vision Systems	1			
620-147	Intro to Predictive Maintenance	1			
804-113	College Tech. Math 1A	3			
804-114	College Technical Math 1B	2			
	Elective Course	1			

Total Block Equivalency Credits: 35

GRAND TOTAL: 62

Additional Recommendation:

While not required for admission to UW-Green Bay or application of this agreement, UW-Green Bay recommends NWTC students complete an additional math course prior to transfer. Specifically, one of the following courses is recommended:

- 804-116 College Technical Math 2
- 804-197 College Algebra and Trigonometry with Applications

UW- Green Bay Degree Requirements:

- A minimum of 30 credits must be earned at UW-Green Bay;
- The minimum credit residency requirement for a major is 15 credits;
- The minimum credit residency requirement for a minor is 9 credits;
- One-half of the upper level requirements for any major, minor, etc., must be earned at UW-Green Bay.
- Minimum 2.0 GPA or higher on UW-Green Bay courses
- Specific course requirements pertaining to this agreement are displayed in the table below.

Degree Requirements

UW-Green Bay Degree Requirement	CR	Fulfilled by NWTC Associate Degree	CR	To be completed at UW-Green Bay	CR
General Education					
Biological Science	3				3
Fine Arts	3				3
First Year Seminar	3	Technical Reporting	3		
Global Culture	3				3
Humanities	3				3
Humanities	3				3
Natural Sciences	3	General Physics 1	3		
Quantitative Literacy	3			Will be MATH 202	
Social Sciences	3	Intro to Psychology	3		
Social Sciences	3				3
Sustainability Perspective	3				3
Major Requirements					
WF 100	3	English Composition 1	3		
MATH 202	4				4
MATH 203	4				4
MATH 320	4				4
PHYSICS 103 or 201	5	General Physics 1			
ET 101	2	Satisfied by block credit	2		
ET 105	3	Satisfied by block credit	3		
ET 206	4				5
ENGR 236	3				3
ET 142	3				3
ET 250	3	Satisfied by block credit	3		
ENGR 120	3	Satisfied by block credit	3		
ENGR 121	1	Satisfied by block credit	1		
ENGR 210	3	Satisfied by block credit	3		
ENGR 211	1	Satisfied by block credit	1		
ENGR 222	3	Satisfied by block credit	3		
ENGR 223	1	Satisfied by block credit	1		
ENGR 224	2	Satisfied by block credit	2		

ENGR 320	3	Pwr Elec 1-3, Pwr Eltr.1,2	3		3
ENGR 321	1	Satisfied by block credit	1		
ENGR 328	3	Automation 1, 2, 3	3		
ENGR 329	1	Satisfied by block credit	1		
ET 340	3				3
ET 342	3				3
ET 350	3				3
ET 360	3				3
ENGR 310	3				3
ENGR 311	1				1
ENGR 346	3	Satisfied by block credit	3		
ENGR 348	3				3
ENGR 434	3				3
ET 400 or 410	3				3
ET/ENGR UL Elective	3	Satisfied by block credit	3		
ET/ENGR UL Elective	3				3
ET/ENGR UL Elective	3				3
Other Graduation Requirements					
Math Competency	0-3	College Tech Math 1A	0		
English Competency	3	English Composition 1			
Ethnic Studies	3	Intro to Diversity Studies	3		
Capstone	3			Will be ET 400 or 410	
Writing Emphasis – Lower		Satisfied in Transfer			
Writing Emphasis – Lower		Satisfied in Transfer			
Writing Emphasis – Upper				Will be ET 360	
Writing Emphasis – Upper				Will be ET 400 or 410	
Elective Credits		Elective Credits	11		
TOTAL	120+		TOTAL 62		TOTAL 75

UW-Green Bay Designee and Contact Information:

John Katers
 Dean – College of Science, Engineering, and Technology
 University of Wisconsin – Green Bay
 2420 Nicolet Drive
 Green Bay, WI 54311
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NWTC Designee and Contact Information

Amy Kox
 Dean - Trades and Engineering
 Northeast Wisconsin Technical College
 2740 W. Mason Street
 Green Bay, WI 54303
 920-498-5444

ADDITIONAL CONDITIONS AND PROVISIONS

1. Courses must be recorded on an official transcript for students to receive credits from the Agreement.
2. Each institution has the right and responsibility to make changes to its curricula and enrollment standards to maintain its academic integrity and meet accreditation standards. Such changes, if any, will be communicated to the other institution as they occur through the office of each institution responsible for implementing this Agreement.
3. To receive the credit transfer set forth within this Articulation Agreement, the candidate must have received an associate degree through the NWTC Automation Engineering Technology program.
4. UW-Green Bay and NWTC will provide academic advising to NWTC students inquiring about UW-Green Bay programs. UW-Green Bay and NWTC will share materials, catalogs, and other information to facilitate their understanding of requirements and programs. NWTC will assist UW-Green Bay in arranging recruitment events on its campuses.
5. Each institution will assume responsibility for appropriate marketing to reach its student population. Both parties will adhere to each institution's standards for the use of its name and logo. Each institution may provide a link to this Agreement and/or the other institution at its website, with notice to the other party.
6. Both parties agree that failure to maintain regional accreditation will be grounds for termination of the Agreement.
7. This Articulation Agreement is effective 06/01/2022 and will be reviewed every 2 years on June 1, after any changes to the Undergraduate Catalog at UW-Green Bay have been approved. Both NWTC and UW-Green Bay agree to notify each other of any curricular changes in a timely manner.
8. This Agreement may be terminated by either institution by giving thirty (30) days written notice to the designee at the other institution at the address set forth above. If the Agreement is terminated, students at UW-Green Bay who have obtained the Institution Program shall be allowed to complete their programs under the terms of the Agreement.

Signatures:



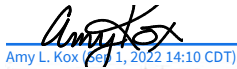
Courtney Sherman
Interim Associate Provost
UW-Green Bay



Kathryn Rogalski
Vice President of Learning
Northeast Wisconsin Technical College



John Katers
Dean – College of Science, Engineering, and
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Amy L. Kox / Sep 1, 2022 14:10 CDT

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Dean – Trades and Engineering
Northeast Wisconsin Technical College