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**PROGRAM-TO-PROGRAM ARTICULATION AGREEMENT**

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<b>Lakeshore Technical College</b> <b>Mechanical Design and Engineering Technology</b> <b>Associate of Applied Science</b>	<b>University of Wisconsin – Green Bay</b> <b>Bachelor of Science Degree</b> <b>Mechanical Engineering Technology Major</b>
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**Effective Date: 06/01/2022**

**Review Date: 06/01/2024**

New Agreement     Revised Agreement – Original Date July 2017

This Articulation Agreement (“Agreement”) dated May 11, 2022 between The Board of Regents of the University of Wisconsin System, d.b.a. the University of Wisconsin - Green Bay (“UW-Green Bay”), and Lakeshore Technical College (“LTC”) 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 Mechanical Design and Engineering Technology program at LTC to transfer and satisfy requirements within the Bachelor of Science Degree, Mechanical Engineering Technology major at UW-Green Bay.

The purpose of this Agreement is to provide a seamless transfer process for students from LTC 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 Mechanical Engineering Technology major.

**Conditions:**

The terms of this Articulation Agreement apply only to LTC students who successfully complete the Mechanical Design and Engineering Technology Associate Degree, meet the admission requirements for UW-Green Bay, and have a Declaration of Major e-form approved for the Mechanical Engineering Technology major. Students who change their major at UW-Green Bay to something other than Mechanical 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 Mechanical Design Technology program at LTC and meet the admission requirements of UW-Green Bay will transfer 64-68 credits towards the Bachelor of Science degree, Mechanical Engineering Technology major. Credits will be assigned by course-to-course and block equivalency as listed in the tables below.

Course-to-Course Equivalencies					
Number	Title	Cr	Number	Title	Cr
10-804-113	College Technical Math 1A	3	MATH 94	Elementary Algebra	0
or	Or		Or	Or	
10-804-198	Calculus 1 **	4	MATH 202	Calculus Analytic Geom.1	4
10-103-121	Excel- Level 1	1		Elective Credit	1
10-801-195	Written Communication	3	WF 100	First Year Writing	3
10-806-154	General Physics 1	4	PHYSICS 103	Fund. Of Physics 1	4
10-801-196	Oral/Interpersonal Comm	3	COMM 166	Interpersonal Comm.	3
10-809-198	Intro Psychology	3	PSYCH 102	Intro Psychology	3
10-809-196	Intro Sociology	3	SOCIOL 101	Intro Sociology	3
10-606-119	Strength of Materials	3	ENGR 220	Mechanics of Materials	3
<b>Total Course to Course Equivalency Credits: 20-24</b>					

Block Equivalency					
Number	Title	Cr	Number	Title	Cr
10-606-101	AutoCAD 2D	2			
10-420-107	Machining Applications	1			
10-606-104	Manufact. Processes & Materials	2			
10-606-100	Mechan. Draft. Standards/Proc.	1			
10-606-102	Product Design Rapid Prototyp.	1			
10-606-108	Solidworks 1 – Para. Modeling	2			
10-606-109	Solidworks 2- Modeling	2	ET 101	Fund. Of Engineering Tech.	2
10-606-110	Solidworks 3 – Work. Drawings	2	ET 105	Fundamentals of Drawing	3
10-606-111	Solidworks Advanced	2	ET 207	Parametric Modeling	3
10-606-106	Tolerancing & GD&T	3	ET 324	Motors and Drives	3
10-606-134	Statics	4	ENGR 216	Manufacturing Processes	3
10-444-104	HSM for SolidWorks	1	ENGR 221	Mechanics of Materials Lab	1
10-606-118	Kinematics	3		ET UL Elective	3
10-606-117	Design of Machine Elements	3		Elective Block	26
10-620-130	Mechanical Drive Systems	3			
10-606-120	Reverse Engineering	2			
10-620-169	Robotic Mech. Maintenance	1			
10-606-190	Design for Manufact. & Assem.	2			
10-606-198	Engineering Tech. Applications	4			
10-606-197	Portfolio – Mech. Design/Engin.	1			
10-606-189	Quality Systems	2			
<b>Total Block Equivalency Credits: 44</b>					
<b>GRAND TOTAL: 64-68</b>					

\*\* Recommended Course

## 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 LTC Associate Degree	CR	To be completed at UW-Green Bay	CR
<b>General Education</b>					
Biological Science	3				3
Fine Arts	3				3
First Year Seminar	3	Oral/Interpersonal Comm	3		
Global Culture	3				3
Humanities	3				3
Humanities	3				3
Natural Sciences	3	General Physics 1	4		
Quantitative Literacy	3	Calculus 1			
Social Sciences	3	Intro Psychology	3		
Social Sciences	3	Intro Sociology	3		
Sustainability Perspective	3				3
<b>Major Requirements</b>					
WF 100	3	Written Communication	3		
ET 206	4				4
MATH 202	4	Calculus 1	4		
MATH 203	4				4
MATH 260	4				4
PHYSICS 202	5				5
ET 101	2	Satisfied in block credit	2		
ET 105	3	Satisfied in block credit	3		
ENGR 204	2				3
ENGR 236	3				3
ET 207	3	Satisfied in block credit	3		
ET 218	3				3
ENGR 201	2				2
ENGR 213	3				3
ENGR 214	3				3
ENGR 216	3	Satisfied in block credit	3		
ENGR 220	3	Strength of Materials	3		
ENGR 221	1	Satisfied in block credit	1		
ENGR 308	3				3
ET 318	3				3
ET 324	3	Satisfied in block credit	3		
ET 360	3				3
ET 380	3				3

ET 385	3				3
ET 390	3				3
ET 405	3				3
ENGR 324	3				3
ENGR 408	3				3
ENGR 420	3				3
ET 400 or 410	3				3
ET/ENGR Elective	3	Satisfied in block credit	3		
ET/ENGR Elective	3				3
Math Competency	0-3	Calculus 1			
English Competency	3				3
Ethnic Studies	3				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 390	
Writing Emphasis – Upper				Will be ET 400 or 410	
Elective Credits		Elective Credits	27		
<b>TOTAL</b>		120+	<b>TOTAL</b>		<b>68</b>
			<b>TOTAL</b>		<b>94</b>

#### 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  
 920-465-2278  
 katersj@uwgb.edu

#### LTC Designee and Contact Information

Sheila Schetter  
 Dean of Manufacturing/Agricultural & Engineering  
 Lakeshore Technical College  
 1290 North Avenue  
 Cleveland, WI 53015  
 920-693-1238  
 Sheila.schetter@gotoltc.edu

#### 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 LTC Mechanical Design and Engineering Technology program.
4. UW-Green Bay and LTC will provide academic advising to LTC students inquiring about UW-Green Bay programs. UW-Green Bay and LTC will share materials, catalogs, and other information to facilitate their understanding of requirements and programs. LTC 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 LTC 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 LTC Mechanical Design and Engineering Technology degree shall be allowed to complete their programs under the terms of the Agreement.

**Signatures:**



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Courtney Sherman  
Interim Associate Provost  
UW-Green Bay



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James Lemerond  
Vice President of Instruction  
Lakeshore Technical College



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John Katers  
Dean – College of Science, Engineering, and  
Technology  
UW-Green Bay



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Sheila Schetter  
Dean of Manufacturing/Agricultural &  
Engineering  
Lakeshore Technical College