



**ARTICULATION AGREEMENT
BETWEEN
UNIVERSITY OF WISCONSIN-PLATTEVILLE
WESTERN TECHNICAL COLLEGE**

This Agreement is entered into between Western Technical College, and the University of Wisconsin-Platteville, WI. This agreement and any amendments and supplements, shall be interpreted pursuant to the guidelines set forth in the UW System Administrative Policy 135 (formerly ACIS 6.0) and UW System Administrative Policy 140 (formerly ACIS 6.2). 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.

Western Technical College Degree Type: Associate of Science (A.S.)

UW-Platteville Degree Type: Bachelor of Science (B.S.) in Industrial & Systems Engineering

Effective Date: 01/2024

Next Review Date: 01/2029

☒ New Agreement

☐ Revised Agreement

I. Admission and Graduation Requirements Specific to this Agreement:

- a. Qualified Western Technical college students will be guaranteed admission to UW-Platteville's Engineering Partnership program as a transfer student assuming they meet the minimum requirements for admission to UW-Platteville.
- b. UW-Platteville's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- c. Students must complete the entire sending program and meet UW-Platteville's admission requirements for the agreement to apply.
- d. Students must fulfill graduation requirements at both institutions.
- e. Students at UW-Platteville will be required to earn a minimum of 32 credits in residence at UW-Platteville with at least 23 of the last 32 credits in residence.
- f. General admission to UW-Platteville requires students must have a cumulative GPA of 2.0 or higher from their sending institution.
- g. The UW-Platteville Industrial and Systems Engineering program requires that a student must have a C- or better in every math and science course and all 1000, 2000, and 3000-level engineering courses to graduate with a Bachelor of Science in Industrial and Systems Engineering.



II. Transfer of Credits

- a. A transfer pathway table illustrating the list of courses the student must complete to earn the Bachelor of Science in Industrial and Systems Engineering at UW - Platteville; course/credit requirements fulfilled at Western Technical College; and courses the student must take at UW-Platteville may be found in Appendix A.
- b. Additional coursework completed at Western Technical College may be transferrable to satisfy UW - Platteville general education or breadth requirements. These courses are listed in Appendix A or are searchable through Transferology® (<https://www.transferology.com/school/uwplatt>).
- c. Elective courses taken or substituted at Western Technical College not listed in this agreement will be reviewed on a case-by-case basis and determined how they may apply to the degree at UW-Platteville.

III. Additional Provisions

- a. None at this time.

IV. Implementation and Review

- a. The Provost, Dean, School Director/Department Chair/Program Coordinator or designees of the parties to this 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. The University of Wisconsin-Platteville and Western Technical College will provide academic advising to the Western Technical College students inquiring about UW-Platteville's programs. Western Technical College will assist UW-Platteville in arranging recruitment events on its campus.
- c. Any marketing of this agreement will be subject to the prior approval of both parties and will adhere to each institution's standards for the use of its name and logo. Each institution may provide a link to this agreement on its website, only after notifying the other party.
- d. Both parties agree that failure to maintain accreditation will be grounds for termination of this agreement.
- e. This Articulation Agreement is effective on 01/01/2024 and shall remain in effect for five years, unless terminated or amended by either party with 90 days prior written notice.
- f. 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.



- g. This Articulation Agreement will be reviewed by both parties beginning 07/01/2028 (within six months of the end date).
- h. When a student enrolls at the receiving institution following this agreement, the receiving institution will encode any course waivers and substitutions.

V. Signature Block

Approved by:

University of Wisconsin-Platteville	Name	Signature
Department Chair, Industrial & Systems Engineering	Dr. Jodi Prorise	DocuSigned by: Jodi Prorise 228F2BF6A6174B1...
Acting Dean of the College of Engineering, Mathematics, and Science	Dr. Philip Parker	DocuSigned by: Philip Parker 73645CCE6FEB416...
Provost and Vice-Chancellor	Dr. Wayne Weber	DocuSigned by: Wayne Weber 3879F8DF576747C...
Western Technical College		
General Studies Dean	Dr. John Gillette	DocuSigned by: John Gillette 4EFD16C1410E4D6...
Vice President	Dr. Rebecca Hopkins	DocuSigned by: Rebecca L. Hopkins, Ed.D. A24F701A5E304E...

Agreement may be retrieved from: <https://www.uwplatt.edu/transferring-credits>

Questions regarding this agreement may be directed to:

Articulation Agreement Contact: Melissa Gavin, Director of Platteville Distance Engineering Programs.
Email: gavinme@uwplatt.edu

Date created:	Last reviewed:	Next review:	S:\WGroups\Articulation_Agreements
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Appendix A

Program to Program Articulation Transfer Pathway

Effective Date: 01/2024

☒ Transfer pathway accompanies new agreement

☐ Revised transfer pathway for existing agreement

PROGRAM INFORMATION		
	Western Technical College	University of Wisconsin-Platteville
Program Name	Associate of Science	Industrial & Systems Engineering
Award Type (i.e. B.S.)	Associate of Science	Bachelor of Science

SECTION A – GENERAL EDUCATION				
	Suggested Courses to take within Associate Degree	UW-Platteville Equivalent	UW-Platteville Req. Credits	UWP Req. Met?
English Composition	20-801-201 English I AND 20-801-203 English 2	ENGLISH 1130 AND ENGLISH 1230	6–7	yes
World Languages	20-802-211 Spanish I	SPANISH 1840	0–4	yes
Speech	20-810-201 – Public Speaking	SPEECH 1060	3	yes
Mathematics*	20-804-231 Calculus & Analytic Geometry I** AND 20-804-232 Calculus & Analytic Geometry II**	MATH 2640* AND MATH 2740*	3	yes
Wellness			1	No
Physical Activity	20-807-202 Total Fitness 20-807-266 Wellness Today	HHP 1280 HHP 1000A	1	Yes
Humanities	Choose 1: 20-809-223 Introduction to World Religions 20-801-204 Intro to Literature 20-801-218 American Literature 1865-Present 20-809-260 Intro to Philosophy	PHLSPHY 2930^ ENGLISH 1330 ENGLISH 2530 PHLSPHY 1130	3	yes
Fine Arts	Choose 1: 20-805-227 Music Appreciation 20-815-200 Art History: Prehist. To Medieval	MUSIC 1590 ART 2140	3	yes
Historical Perspective	Choose 1: 20-803-225 The World in the 20 th Century 20-803-211 American History 1607-1865	HISTORY 2020^ HISTORY 2330	3	yes
Social Sciences	Choose 2 from 2 disciplines: 20-809-203 Principles of Sociology 20-809-211 Principles of Macroeconomics	SOCIOLGY 1030 ECONOMIC 2130	6	Yes



	20-809-212 Principles of Microeconomics 20-809-221 American National Government 20-809-231 General Psychology 20-809-237 Abnormal Psychology	ECONOMIC 2230 POLISCI 1230 PSYCHLG 1130 PSYCHLG 3000S		
Natural Sciences*	20-806-223 University Physics I 20-806-209 College Chemistry I	PHYSICS 2240* CHEM 1140*	8	yes
Global Studies	Choose 1: 20-803-225 The World in the 20 th Century 20-809-223 Introduction to World Religions	HISTORY 2020^ PHLSPHY 2930^	0–3	yes
Ethnic and Gender Studies ‡§	20-809-217 Race, Class, Gender	TRANSFER 1000B	0–6	yes
Additional Natural science*, Mathematics*, or Social Science	20-806-212 College Chemistry 2	CHEM 1240*	3–4	yes

Special Notes, if any:

* Courses may count towards the requirements for the major

**Both courses must be taken at the same institution to be equivalent at UW-Platteville.

^Course satisfies multiple areas.

† Requirements mandated by external professional accrediting associations must be met

‡ Ethnic studies/cultural diversity requirements must be met

§ Transferable courses are listed in Appendix A or are searchable through Transferology (<https://www.transferology.com>).

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SECTION B – MAJOR, CONCENTRATION, EMPHASIS, ELECTIVES OR OTHER

Western Technical College			University of Wisconsin-Platteville		
Course Prefix and Number	Course Name	Credits	Course Prefix and Number	Course Name	Credits Equiv. Sub Wav
Mathematics Courses					
20-804-231 AND 20-804-232**	Calculus & Analytic Geometry I AND Calculus & Analytic Geometry II	5 5	MATH 2640 AND MATH 2740	Calculus & Analytic Geometry I AND Calculus & Analytic Geometry II	4 4
General Science Courses					
20-806-223	College Physics I – Calc. Based	5	PHYSICS 2240	General Physics I	4
20-806-209	College Chemistry I	5	CHEM 1140	General Chemistry I	4
20-806-212	College Chemistry II	5	CHEM 1240	General Chemistry II	4
Engineering/Computer/Data Science Electives					
20-806-287	College Physics II – Calc. Based	5	PHYSICS 2340	General Physics II	4
General Engineering Courses					
10-623-260	Introduction to Engineering	3	GENENG 1030	Introduction to Engineering Projects	1
			Total College Credits Applied from Section B		25

**Both courses must be taken at the same institution to be equivalent at UW-Platteville.



SECTION C – REMAINING UNIVERSITY OF WISCONSIN-PLATTEVILLE REQUIREMENTS		
Catalog Subject and Number	Course Name	Credits
Required Courses		
MATH 4030	Statistical Methods with Applications	3
MATH 4050 OR STAT 3130	Applied Regression Analysis OR Introduction to Applied Regression Analysis	3
STAT 3230	Experimental Design and Analysis	3
BIOLOGY 2340	Essentials of Anatomy and Physiology	4
General Engineering/Mechanics Core		
GENENG 1320 OR GENENG 2030	Engineering Computer Graphics OR Engineering Model and Design	2-3
GENENG 2130	Engineering Mechanics-Statics	3
GENENG 2340	Mechanics of Materials	4
GENENG 2820	Engineering Economy	2
MECHENG 3040	Engineering Materials	3
General Engineering/Mechanics Core (Choose 1)		
GENENG 2230	Engineering Mechanics-Dynamics	3
MECHENG 2630	Thermodynamics	3
GENENG 2930 or ELECTENG 2210	Applications of Electrical Engineering or Circuit Modeling II	3-4
COMPUTER 1430	Intro to Computer Programming	3
COMPUTER 2430	Object-Oriented Programming	3
STAT 2030	Data Visualization and Analysis	3
DATASCI 2010	Data Science I	3
ENERGY 2340	Fundamentals of Energy Sources	3
MATH 2840	Calculus & Analytic Geometry III	3
Industrial and Systems Engineering Core		
INDSTENG 2130	Fundamentals of Industrial & System Engineering	3
INDSTENG 3130	Industrial Engineering Computer Applications	3
INDSTENG 3530	Operations Research I	3
INDSTENG 3630	Work Measurement and Systems Design	3
INDSTENG 3730	Engineering Management	3
INDSTENG 3830	Engineering Design of Systems	3
INDSTENG 4030	Production and Operations Analysis	3
INDSTENG 4130	System Simulation and Analysis	3
INDSTENG 4430	Quality Engineering	3
INDSTENG 4440	Human Factors Engineering	3
INDSTENG 4830	Engineering Continuous Improvement	3
INDSTENG 4930	Industrial Systems Design	3
Industrial and Systems Engineering Technical Electives		
<i>Each student must complete technical electives with a minimum of 9 credits in consultation with advisor.^{1,2,3}</i>		
INDSTENG 3780 INDSTENG 4230 INDSTENG 4530 INDSTENG 4540 INDSTENG 4630 INDSTENG 4980 MECHENG 3230 MECHENG 4430	Systems Safety Engineering Facilities Design Operations Research II Human Performance and System Design Manufacturing System Design Current Topics in Engineering Manufacturing Processes Advanced Materials	9



MECHENG 4440	Failure of Materials	
MECHENG 4450	Composite Materials	
BME 3030	Introduction to Biomedical Engineering	
BME 3230	Introduction to Medical Instrumentation	
BME 4130	Biomechanics	
COMPUTER 2630	Data Structures	
COMPUTER 3630	Database Design and Implementation	
BUSADMIN 3130	Business Law	
BUSADMIN 3340	Management, Gender & Race	
BUSADMIN 4140	International Management	
PSYCHLGY 3000	Cognitive Psychology	
PSYCHLGY 3430	Physiological Psychology	
STAT 4130	Applied Categorical Data Analysis	
STAT 4230	Applied Nonparametric Statistics	
DATASCI 2510	Data Science II - Intermediate Data Science	
INDUSTDY 3130	General Industry OSHA 30 Hour	
INDUSTDY 3590	Industrial Hygiene and PPE	
Professional Requirement		
Select one course from the following		
INDSTENG 3950	Industrial Engineering Cooperative Education	
INDSTENG 3970	Industrial Engineering Internship	
INDSTENG 4990	Independent Study ⁴	1-3
INDUSTDY 1010	Principles of Safety and Risk Management	
BUSADMIN 2330	Leadership and Management	
ENTRP 2020	Startup Launchpad	
Total Remaining UW-Platteville credits		100-104

¹ At least six technical elective credits must be numbered IE XXXX

² At least six technical elective credits must be numbered 3000 or higher

³ BUSADMIN 4xxx and INDSTDY 4xxx courses may be used as technical electives upon approval of student's advisor or the IE Program Coordinator

⁴ INDSTENG 4990 must be taken for 3 credits to fulfill the Professional Requirement

Special Notes, if any:

General education courses not completed at the sending institution must be completed at UW-Platteville.

* While credits count towards graduation, they may be used to satisfy multiple requirements.

Contact Information:

Melissa Gavin

Director, Platteville Distance Engineering

608.342.1807 gavinme@uwplatt.edu

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