UNIVERSITY OF WISCONSIN PLATTEVILLE

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

This Agreement is entered into between the 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 and any other accreditation currently in existence pertaining to degree programs articulated via the transfer agreement.

Western Technical College Degree Type:
Associate of Applied Science (A.A.S.) in Mechanical Design Technology

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

Effective Date: September 1, 2025 **Next Review Date:** September 1, 2030

X New Agreement Revised Agreement

I. Admission and Graduation Requirements Specific to this Agreement:

a. Qualified Western Technical College A.A.S. 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 Western Technical College A.A.S. 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. The UW-Platteville Mechanical 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, including those transferred in, to graduate with a Bachelor of Science in Mechanical Engineering.

1 University Plaza | Platteville WI 53818-3099 | www.uwplatt.edu

II. Transfer of Credits

a. Appendix A contains:
    a. A transfer pathway table illustrating the list of courses the student must complete to earn the Bachelor of Science in Mechanical Engineering at UW-Platteville;
    b. course/credit requirements fulfilled at Western Technical College; and,
    c. the remaining courses the student must take at UW-Platteville.
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. Students transferring from Western Technical College with at least 60 credits will have GENENG 1030 waived at UW-Platteville.
b. Students who complete the Associate of Applied Science (A.A.S.) in Mechanical Design Technology program at Western Technical College may use this with the Associate of Science (A.S.) degree for transfer; see Appendix B.

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 the 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 September 1, 2025, and shall remain in effect until the end date of September 1, 2030, unless terminated or amended by either party with 90 days prior written notice. The agreement will be reviewed annually to ensure students are successful and that course transfers are still accurate.

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 for renewal by both parties beginning March 1, 2030 (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, Mechanical Engineering	Dr. John Obielodan	DocuSigned by: John Obielodan 681E4C44F4A9446...
Dean of the College of Engineering, Mathematics and Science	Dr. Philip Parker	Signed by: Philip Parker 73645CCE6FEB416...
Provost and Vice-Chancellor	Dr. Laura Reynolds	Signed by: Laura Reynolds 8BE30A7E6641495...
Western Technical College		
Associate Dean of Integrated Technology	Mark Moulton	Signed by: Mark Moulton DE5138A7AC8A4E5...
Dean of Integrated Technology	Michael Poellinger	DocuSigned by: MICHAEL POELLINGER 52EA43B2E96D420...
Vice President of Learning	Dr. Rebecca Hopkins	Signed by: Rebecca J. Hopkins A24F701A5E3644E...

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

Questions regarding this agreement may be directed to:
Melissa Gavin
Director, Platteville Distance Engineering
gavinme@uwplatt.edu 608.342.1807

UNIVERSITY OF WISCONSIN PLATTEVILLE

Appendix A

Program to Program Articulation Transfer Pathway

Effective Date: September 1, 2025

x Transfer pathway accompanies new agreement ☐ Revised transfer pathway for existing agreement

PROGRAM INFORMATION		
	Western Technical College	University of Wisconsin-Platteville
Program Name	Mechanical Design Technology (MDT)	Mechanical Engineering (ME)
Award Type (i.e. B.S.)	Associate of Applied Science (A.A.S.)	Bachelor of Science (B.S.)

SECTION A - COURSE TRANSFERS

Fulfilled with the Western Technical College A.A.S. in Mechanical Design Technology

Western Technical College			University of Wisconsin-Platteville			
Course Prefix & Number	Course Name	Credits	Course Prefix & Number	Course Name	Credits	Equiv. Sub Wav
606-115 and 606-164 and 606-165 and 606-184	Parametric Design 1 Design Problems Geometric Dim and Tolerance SolidWorks	3 4 3 2	GENENG 2030	Engineering Modeling and Design	3	Major
606-124	Statics and Strength of Materials	3	GENENG 2130	Engineering Mechanics – Statics	3	Major
420-119 and 606-133 and 420-120 and 606-156 and 606-158	Manufacturing and Engineering Materials Parametric Design 2 Manufacturing Processes/Machining CAM Mechanisms and Dynamics Design Analysis	3 4 3 3 3	GENENG 2340 and MECHENG 3230 and MECHENG 3830	Mechanics of Materials Manufacturing Processes Mechanisms and Machines	4 3 3	Major Major Major
809-195	Economics	3	ECONOMIC 1010	Introduction to Economics	3	GE-Social Science
806-154*	General Physics 1	4	PHYSICS 1350	Introductory Physics I	4	GE-Natural Science

UNIVERSITY OF WISCONSIN PLATTEVILLE

809-198	Introduction to Psychology	3	PSYCHLGY 1130	General Psychology	3	GE-Social Science
801-136	English Composition I	3	ENGLISH 1130	College Writing I	3	GE-English
	Total Credits Earned	44		Total Credits Applied to B.S. ME	29	
Below are courses that will transfer to UW-Platteville but do not count toward the BS in Mechanical Engineering or the General Education requirements; the courses will assist students in reaching advanced standing for registration.						
801-197	Technical Reporting	3	English 3000	Technical Writing	3	
804-113	College Technical Math 1A	3	Math 1000T	Math Elective	3	
	Total Credits Earned	50		Total Credits Applied	35	

*Students can take WTC's 806-154 + NWTC's 806-158 Calculus Physics 1 Enhancement (which has a calculus prerequisite) = PHYSICS 2240, major requirement and GE-Natural Science

UNIVERSITY OF WISCONSIN PLATTEVILLE

SECTION B – UW-PLATTEVILLE GENERAL EDUCATION REQUIREMENTS				
	Suggested Courses to take within Associate Degree	UW-Platteville Equivalent	UW-Platteville Req. Credits	UWP Req. Met?
English Composition			3	No
World Languages			0–4	No
Speech			3	No
Mathematics*			3	No
Wellness			1	No
Physical Activity			1	No
Humanities			3	No
Fine Arts			3	No
Historical Perspective			3	No
Social Sciences			0	Yes
Natural Sciences*			8	No
Global Studies			3	No
Ethnic Studies^			3	No
Gender Studies^			3	No
Additional Natural Science*, Social Science or Mathematics*			0	Yes

Special Notes, if any:
* Courses may count towards the requirements for the major.
^Ethnic studies/Gender studies requirements must be met.
~Transferable courses are listed in Appendix A or are searchable through Transferology (https://www.transferology.com/school/uwplatt).
Wisconsin Act 15 may change General Education requirements starting in the 2026-2027 catalog.

UNIVERSITY OF WISCONSIN PLATTEVILLE

SECTION C – REMAINING UNIVERSITY OF WISCONSIN-PLATTEVILLE REQUIREMENTS		
Course Prefix & Number	Course Name	Credits
Required Courses		
MATH 2640*	Calculus and Analytical Geometry I	4
MATH 2740	Calculus and Analytical Geometry II	4
MATH 2840	Calculus and Analytical Geometry III	4
MATH 3630	Differential Equations I	3
MATH 4030	Statistical Methods with Applications	3
CHEMSTRY 1450*	Chemistry for Engineers	5
PHYSICS 2240*	General Physics I	4
PHYSICS 2340	General Physics II	4
GENENG 2820	Engineering Economy	2
GENENG 2230	Engineering Mechanics – Dynamics	3
GENENG 2930	Applications of Electrical Engineering	3
Professional Engineering Courses		
MECHENG 2630	Thermodynamics	3
MECHENG 3030	Mechanical Vibrations	3
MECHENG 3040	Engineering Materials	3
MECHENG 3300	Fluid Dynamics	3
MECHENG 3330	Design of Machine Elements	3
MECHENG 3430	Introduction to Computational Methods	3
MECHENG 3640	Heat Transfer	3
MECHENG 3720	Measurements and Instrumentation Laboratory	3
MECHENG 4330	Automatic Controls	3
MECHENG 4720	Thermal Systems Laboratory	2
MECHENG 4730	Thermo-Fluid Systems Design	3
MECHENG 4930	Senior Design Project	3
Technical Electives Select 6 credits from the following:		
MECHENG 4560	Computational Fluid Dynamics	3
MECHENG 4740	Advanced Machine Element Design	3
MECHENG 4800	Finite Element Method	3
MECHENG 4840	Advanced Vibrations	3
MECHENG XXXX	Other Electives may be online as available	3
Practical Experience Select one additional course from the following or one additional Mechanical Engineering Technical Elective course listed above:		
MECHENG 3950	Mechanical Engineering Cooperative Education	2
MECHENG 3970	Mechanical Engineering Internship	1
MECHENG 4940	Undergraduate Research	2-3
MECHENG XXXX	Technical Elective Option	3
	Total remaining Mechanical Engineering credits	81-83
	Total remaining General Education credits^	20-30
	Total remaining UW-Platteville credits	**101-113**

*Courses may count toward the UW-Platteville General Education requirements.
^Wisconsin Act 15 may change General Education requirements starting in the 2026-2027 catalog.

Contact Information:
Melissa Gavin
Distance Engineering Programs
608.342.1807 | gavinme@uwplatt.edu

Western Technical College

UNIVERSITY OF WISCONSIN PLATTEVILLE

Sample Course Plan

Associate of Applied Science to Bachelor of Science in Mechanical Engineering

This is a sample plan to guide you through the transfer pathway between Western Technical College and the University of Wisconsin-Platteville. Upon completion, you will have earned an Associate of Applied Science degree from Western Technical College and a Bachelor of Science in Mechanical Engineering from UW-Platteville. This is a sample plan and there are alternative paths to earning your degrees. Course offerings and rotations are subject to change. Please work with your advisor(s) to determine the best path forward for you.

WTC=Western Technical College; UWP=UW-Platteville

Year One

Semester One				Semester Two			
WTC 606-140	Applied Calculations in Engineering	2		WTC 605-138	Fund of Elecs & Fabrication	2	
WTC 606-163	AutoCAD	2		WTC 420-119	Mfg. and Eng Materials	3	
WTC 804-113	College Technical Math 1A	3		WTC 420-120	Mfg. Processes/Machining CAM	3	
WTC 801-136	English Composition 1	3		WTC 606-115	Parametric Design 1	3	
WTC 606-165	Geometric Dim & Tolerance	3		WTC 606-133	Parametric Design 2	4	
WTC 606-184	SolidWorks	2					
WTC 890-106	Strengths Seminar	1					
	Total Credits	*16*			*Total Credits*	*15*	

Year Two

Semester One				Semester Two			
WTC 809-195	Economics	3		WTC 606-158	Design Analysis	3	
WTC 806-154	General Physics 1	4		WTC 606-164	Design Problems	4	
WTC 809-198	Intro to Psychology	3		WTC 620-112	Fluid Power Fund	2	
WTC 606-156	Mechanisms and Dynamics	3		WTC 801-197	Technical Writing	3	
WTC 606-124	Statics/Strength of Materials	4					
	Total Credits	*17*			*Total Credits*	*12*	

Year Three

Semester One				Semester Two			
UWP MATH 2640	Calculus and Analytical Geometry I	4		UWP MATH 2740	Calculus and Analytical Geometry II	4	
UWP CHEMSTRY 1450	Chemistry for Engineers	5		UWP PHYSICS 2240	General Physics I	4	
UWP ENGLISH 1230		3		UWP	GE-Speech	3	
UWP	GE-Humanities	3		UWP	GE-Physical Activity	1	
UWP	GE-Fine Arts	3		UWP ETHNSTDY 1030	GE -Gender Studies & GE-Ethnic Studies	3	
	Total Credits	*18*			*Total Credits*	*15*	

Year Four

Semester One				Semester Two			
UWP MATH 2840	Calculus and Analytical Geometry III	4		UWP MATH 3630	Differential Equations I	3	
UWP PHYSICS 2340	General Physics II	4		UWP MECHENG 3300	Fluid Dynamics	3	
UWP GENENG 2230	Engineering Mechanics – Dynamics	3		UWP MATH 4030	Statistical Methods with Applications	3	
UWP MECHENG 3040	Engineering Materials	3		UWP MECHENG 3430	Introduction to Computational Methods	3	
UWP MECHENG 2630	Thermodynamics	3		UWP GENENG 2930	Applications of Electrical Engineering	3	
				UWP GENENG 2820	Engineering Economy	2	
	Total Credits	*17*			*Total Credits*	*17*	

Summer

UWP	Practical Experience	3	
	Total Credits	*3*	

Year Five

Semester One				Semester Two			
UWP MECHENG 3640	Heat Transfer	3		UWP MECHENG 4930	Senior Design Project	3	
UWP MECHENG 4730	Thermo-Fluid Systems Design	3		UWP MECHENG 4720	Thermal Systems Laboratory	2	
UWP MECHENG 3720	Measurements & Instrumentation Laboratory	3		UWP MECHENG 4330	Automatic Controls	3	
UWP MECHENG 3330	Design of Machine Elements	3		UWP	GE-Historical Perspective*	3	
UWP MECHENG 3030	Mechanical Vibrations	3		UWP	GE-Global Studies*	3	
UWP	Technical Elective	3		UWP	GE-Wellness	1	
				UWP	Technical Elective	3	
	Total Credits	*18*			*Total Credits*	*18*	

*One course may satisfy both General Education requirements.

UNIVERSITY OF WISCONSIN PLATTEVILLE

Appendix B

Program to Program Articulation Transfer Pathway

Effective Date: September 1, 2025

X Transfer pathway accompanies new agreement ☐ Revised transfer pathway for existing agreement

PROGRAM INFORMATION		
	Western Technical College	University of Wisconsin-Platteville
Program Name and Award Type	Associate of Applied Science (A.A.S.) – Mechanical Design Technology (MDT) and Associate of Science (A.S.)	Bachelor of Science (B.S.) in Mechanical Engineering (ME)

SECTION A - COURSE TRANSFERS

Fulfilled with the Western Technical College A.A.S. in Mechanical Design Technology

Western Technical College			University of Wisconsin-Platteville			
Course Prefix & Number	Course Name	Credits	Course Prefix & Number	Course Name	Credits	Equiv. Sub Wav
606-115 and 606-164 and 606-165 and 606-184	Parametric Design 1 Design Problems Geometric Dim and Tolerance SolidWorks	3 4 3 2	GENENG 2030	Engineering Modeling and Design	3	Major
606-124	Statics and Strength of Materials	3	GENENG 2130	Engineering Mechanics – Statics	3	Major
420-119 and 606-133 and 420-120 and 606-156 and 606-158	Manufacturing and Engineering Materials Parametric Design 2 Manufacturing Processes/Machining CAM Mechanisms and Dynamics Design Analysis	3 4 3 3 3	GENENG 2340 and MECHENG 3230 and MECHENG 3830	Mechanics of Materials Manufacturing Processes Mechanisms and Machines	4 3 3	Major Major Major
809-195	Economics	3	ECONOMIC 1010	Introduction to Economics	3	GE-Social Science

806-154*	General Physics 1	4	PHYSICS 1350	Introductory Physics I	4	GE-Natural Science
809-198	Introduction to Psychology	3	PSYCHLGY 1130	General Psychology	3	GE-Social Science
801-136	English Composition I	3	ENGLISH 1130	College Writing I	3	GE-English
	Total Credits Earned	44		Total Credits Applied to B.S. ME	29	
Below are courses that will transfer to UW-Platteville but do not count toward the BS in Mechanical Engineering or the General Education requirements; the courses will assist students in reaching advanced standing for registration.						
801-197	Technical Reporting	3	ENGLISH 3000	Technical Writing	3	
804-113	College Technical Math 1A	3	Math 1000T	Math Elective	3	
	Total Credits Earned	50		Total Credits Applied	35	

*Students can take WTC's 806-154 + NWTC 806-158 bolt on (which does have a calculus pre-requisite) = PHYSICS 2240, major requirement and GE-Natural Science

UNIVERSITY OF WISCONSIN PLATTEVILLE

SECTION B – UW-PLATTEVILLE GENERAL EDUCATION REQUIREMENTS Fulfilled with the Western Technical College Associate of Science degree				
	Suggested Courses to take within Associate Degree	UW-Platteville Equivalent	UW-Platteville Req. Credits	UWP Req. Met?
English Composition			6–7	Yes
World Languages			0–4	Yes
Speech			3	Yes
Mathematics*			3	Yes
Wellness			1	Yes
Physical Activity			1	Yes
Humanities			3	Yes
Fine Arts			3	Yes
Historical Perspective			3	Yes
Social Sciences			6	Yes
Natural Sciences*			8	Yes
Global Studies			0–3	Yes
Ethnic Studies^	809-217 Race, Gender, Class	TRANSFER 1000B	3	Yes
Gender Studies^	809-217 Race, Gender, Class	TRANSFER 1000B	3	Yes
Additional Natural Science*, Social Science or Mathematics*			3–4	Yes

All General Education Requirements (except the prescribed Ethnic and Gender Studies course) are met by the Western Technical College Associate of Science degree.

Special Notes, if any:
* Courses may count towards the requirements for the major.
^Ethnic studies/Gender studies requirements must be met.
~Transferable courses are listed in Appendix A or are searchable through Transferology (https://www.transferology.com/school/uwplatt).

UNIVERSITY OF WISCONSIN PLATTEVILLE

SECTION C - COURSE TRANSFERS Additional courses that can be fulfilled with the Western Technical College Associate of Science					
Western Technical College			University of Wisconsin-Platteville		
Course Prefix & Number	Course Name	Credits	Course Prefix & Number	Course Name	Credits
806-209	College Chemistry 1	5	CHEMSTRY 1140	General Chemistry I	4
806-212	College Chemistry 2	5	CHEMSTRY 1240	General Chemistry II	4
804-231 and 804-232	Calculus and Analytical Geometry I Calculus and Analytical Geometry II	5 5	MATH 2640 and MATH 2740	Calculus and Analytical Geometry I Calculus and Analytical Geometry II	4 4
	Total Credits Earned at WTC	20		Total College Credits Applied	16

UNIVERSITY OF WISCONSIN PLATTEVILLE

SECTION D – REMAINING UNIVERSITY OF WISCONSIN-PLATTEVILLE REQUIREMENTS		
Course Prefix & Number	Course Name	Credits
Required Courses		
MATH 2840	Calculus and Analytical Geometry III	4
MATH 3630	Differential Equations I	3
MATH 4030	Statistical Methods with Applications	3
PHYSICS 2240*	General Physics I	4
PHYSICS 2340	General Physics II	4
GENENG 2820	Engineering Economy	2
GENENG 2230	Engineering Mechanics – Dynamics	3
GENENG 2930	Applications of Electrical Engineering	3
Professional Engineering Courses		
MECHENG 2630	Thermodynamics	3
MECHENG 3030	Mechanical Vibrations	3
MECHENG 3040	Engineering Materials	3
MECHENG 3300	Fluid Dynamics	3
MECHENG 3330	Design of Machine Elements	3
MECHENG 3430	Introduction to Computational Methods	3
MECHENG 3640	Heat Transfer	3
MECHENG 3720	Measurements and Instrumentation Laboratory	3
MECHENG 4330	Automatic Controls	3
MECHENG 4720	Thermal Systems Laboratory	2
MECHENG 4730	Thermo-Fluid Systems Design	3
MECHENG 4930	Senior Design Project	3
Technical Electives Select 6 credits from the following:		
MECHENG 4230	Design & Control of Manufacturing Systems	3
MECHENG 4560	Computational Fluid Dynamics	3
MECHENG 4740	Advanced Machine Element Design	3
MECHENG 4800	Finite Element Method	3
MECHENG 4840	Advanced Vibrations	3
MECHENG 4850	Computer-Aided Engineering	3
MECHENG XXXX	Other Electives may be online as available	3
Practical Experience Select one additional course from the following or one additional Mechanical Engineering Technical Elective course listed above:		
MECHENG 3950	Mechanical Engineering Cooperative Education	2
MECHENG 3970	Mechanical Engineering Internship	1
MECHENG 4940	Undergraduate Research	2-3
MECHENG XXXX	Technical Elective Option	3
	Total remaining UW-Platteville credits	**68-70**

*Courses may count toward the UW-Platteville General Education requirements.

Contact Information:
Melissa Gavin
Director, Platteville Distance Engineering Programs
gavinme@uwplatt.edu 608.342.1807