

# Lake Superior State University - Articulation Agreement

## with Alpena Community College

<b>Transfer Major:</b>	ACC	A.S. in Pre-Engineering
	LSSU	B.S. in Mechanical Engineering

<b>Contacts:</b>	David Cummins, Industrial Tech/CAD/Marine Technology Alpena Community College (989) 358-7224 or cumminsd@alpenacc.edu	<b>Valid:</b>	Spring 2026 - Spring 2031
	Dr. Joseph P. Moening, Chair School of Engineering & Technology Lake Superior State University (906) 635-2135 or jmoening@lssu.edu LSSU Admissions (888) 800-5778 x:2231		

ACC Courses		LSSU Equivalency		Additional LSSU Courses	
<b>Michigan Transfer Agreement (MTA)</b>		<b>General Education Requirements Met</b>			
CEM121	General Inorganic Chemistry 4	CHEM115	General Chemistry 4	EGEE210	Circuit Analysis 4
ENG111	English Composition I 3	ENGL110	First Year Composition I 3	EGEM320	Dynamics 3
ENG112	English Composition II 3	ENGL111	First Year Composition II 3	EGME225	Mechanics of Materials 3
MTH131	Anal Geometry & Calculus I 5	MATH151	Calculus I 4 1	EGME275	Engineering Materials 3
PHY221	Physics I 5	PHYS231	Applied Physics I 4 1	EGME276	Strength of Materials Lab 1
PLS221	American Gov't & Politics 3	POLI110	Intro to Amer Gov't & Politics 3	EGME337	Thermodynamics 4
XXXxxx	Social Science Course 3	XXXXxxx	Social Science 3	EGME338	Fluid Mechanics 3
XXXxxx	Humanities Courses 8	XXXXxxx	Humanities 8	EGME350	Machine Design 4
<b>Requirements</b>		<b>Requirements</b>		EGME431	Heat Transfer 3
EGR122	Introduction to Engineering 1	EGR122 & EGR130 transfer as		EGME432	Thermal-Fluids Lab 2
EGR130	Team Design Project 2	EGNR101	Introduction to Engineering 2 1	EGNR140	Linear Algebra & Num. App. 2
EGR221	Statics 3	EGEM220	Statics 3	EGNR340	Num. Methods for Engineers 1
MTH132	Anal Geometry & Calculus II 5	MATH152	Calculus II 4 1	EGNR491	Engineering Design Project I 3
MTH221	C++ Programming 4	EGNR265	C Programming 3 1	EGNR495	Engineering Design Project II 3
MTH231	Anal Geometry & Calculus III 5	MATH251	Calculus III 4 1	EGRS460	Control Systems 4
MTH232	Differential Equations 4	MATH310	Differential Equations 3 1	MATH308	Probability & Statistics 3
PHY222	Physics II 5	PHYS232	Applied Physics II 4 1	Technical Electives 17	
<b>Optional Additions</b>					
CAD150	3D Modeling 3	EGME141	Solid Modeling 3		
MFG101	Machining Processes I 4	EGME110	Manufacturing Processes 3 1		
<b>ACC Credits</b> 70		<b>LSSU Transfer Credits</b> 70		<b>LSSU Additional Credits</b> 63	
				<b>Total LSSU Required Credits</b> min: 124	

Course offerings are subject to change without notice. Students should work closely with advisors in planning schedules.

ACC courses listed above will transfer to LSSU according to the guide above only with a grade of 'C-' or better.

Completing the A.S. in Pre-Engineering at ACC, guarantees admission into the LSSU B.S. in Mechanical Engineering program.

*Mindy McCready* 2/23/2026  
**Ms. Mindy McCready** (Date)

LSSU Interim Dean of the College of Business,  
 Engineering, Computer Science, & Mathematics

*Kimberly Muller* 3/2/26  
**Dr. Kimberly Muller** (Date)  
 LSSU Provost & VP of Academic Affairs

*David Cummins* Mar 3, 2026  
 David Cummins (Mar 3, 2026 10:57:51 EST)

**David Cummins** (Date)  
 ACC Industrial Tech/CAD/Marine Technology

*Paige H. Gordier* Mar 3, 2026  
 Paige H. Gordier (Mar 3, 2026 11:05:12 EST)

**Paige H. Gordier, PhD** (Date)  
 ACC Vice President of Instruction