

# Lake Superior State University - Articulation Agreement

## with Alpena Community College

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

|                  |   |               |                           |
|------------------|---|---------------|---------------------------|
| <b>Contacts:</b> | David Cummins, Industrial Tech/CAD/Marine Technology<br>Alpena Community College<br>(989) 358-7224 or cumminsd@alpenacc.edu   | <b>Valid:</b> | Spring 2026 - Spring 2031 |
|                  | Dr. Joseph P. Moening, Chair School of Engineering & Technology<br>Lake Superior State University<br>(906) 635-2135 or jmoening@lssu.edu<br>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> |                                  | Waive CSCI105 Intro. to Comp. Prog.         |                                 |
| CEM121                                   | General Inorganic Chemistry 4  | CHEM115                                   | General Chemistry 4              | CSCI201                                     | Data Structures & Algorithms 4  |
| ENG111                                   | English Composition I 3        | ENGL110                                   | First Year Composition I 3       | CSCI434                                     | Operating Systems Concepts 3    |
| ENG112                                   | English Composition II 3       | ENGL111                                   | First Year Composition II 3      | EGEE125                                     | Digital Fundamentals 4          |
| MTH131                                   | Anal Geometry & Calculus I 5   | MATH151                                   | Calculus I 4 1                   | EGEE210                                     | Circuit Analysis 4              |
| PHY221                                   | Physics I 5                    | PHYS231                                   | Applied Physics I 4 1            | EGEE250                                     | Microcontroller Fundamentals 4  |
| PLS221                                   | American Gov't & Politics 3    | POLI110                                   | Intro to Amer Gov't & Politics 3 | EGEE280                                     | Intro. to Signal Processing 4   |
| XXXxxx                                   | Social Science Course 3        | XXXXxxx                                   | Social Science 3                 | EGEE320                                     | Digital Design 4                |
| XXXxxx                                   | Humanities Courses 8           | XXXXxxx                                   | Humanities 8                     | EGEE355                                     | Microcontroller Systems 4       |
| <b>Requirements</b>                      |                                | <b>Requirements</b>                       |                                  | EGEE370                                     | Electronic Devices 4            |
| EGR122                                   | Introduction to Engineering 1  | EGR122 & EGR130 transfer as               |                                  | EGEE425                                     | Digital Signal Processing 3     |
| 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                  | EGNR346                                     | Prob. & Stats Lab 1             |
| MTH221                                   | C++ Programming 4              | CSCI121                                   | Principles of Programming 4      | EGNR491                                     | Engineering Design Project I 3  |
| MTH231                                   | Anal Geometry & Calculus III 5 | MATH251                                   | Calculus III 4 1                 | EGNR495                                     | Engineering Design Project II 3 |
| MTH232                                   | Differential Equations 4       | MATH310                                   | Differential Equations 3 1       | MATH215                                     | Fund. Concepts of Math. 4       |
| PHY222                                   | Physics II 5                   | PHYS232                                   | Applied Physics II 4 1           | MATH308                                     | Probability & Statistics 3      |
|  |                                |   |                                  | Technical Electives 6                       |                                 |
| <b>ACC Credits</b> 63                    |                                | <b>LSSU Transfer Credits</b> 63           |                                  | <b>LSSU Additional Credits</b> 61           |                                 |
|  |                                |   |                                  | <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 Computer 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