

# Lake Superior State University — Transfer Guide

## NORTHWESTERN MICHIGAN COLLEGE

Transfer Major:

NMC: Engineering Certificate + Michigan Transfer Agreement  
to  
LSSU B.S. Mechanical Engineering

Contacts:

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Valid For:

students transferring to LSSU  
Fall 2016 through Fall 2021

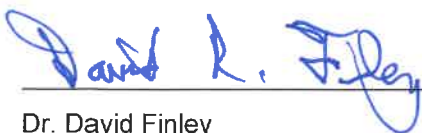
NMC Courses		LSSU Equivalency		Additional LSSU Courses	
CHM-150 General Chemistry I	5	CHEM-115 General Chemistry	5	EGEE-210 Circuit Analysis	4
EGR-101 Intro to Engineering	1	EGNR-101 Intro to Engineering	2	EGME-110 Manufacturing Processes	3
EGR-113 Engineering Graphics I	3	EGMT-142 Overview of Solid Modelling*	2*	EGME-141 Solid Modeling	3
EGR-201 Statics	3	EGEM-220 Statics	3	EGME-275 Engineering Materials	3
EGR-202 Mechanics of Materials	3	EGME-225 Mechanics of Materials	3	EGME-276 Strength of Materials Lab	1
EGR-203 Dynamics	4	EGEM-320 Dynamics	3	EGME-350 Machine Design	4
MTH-116 Intro to Computer Science	4	CSCI-105 Intro to Computer Science	3	EGME-337 Thermodynamics	4
MTH-141 Anal Geometry and Calculus I	5	MATH-151 Calculus I	4	EGME-338 Fluid Mechanics	3
MTH-142 Anal Geometry and Calculus II	5	MATH-151 Calculus II	4	EGME-431 Heat Transfer	3
MTH-241 Anal Geometry and Calculus III	4	MATH-251 Calculus III	4	EGME-432 Thermal Fluids Lab	2
MTH-251 Differential Equations	4	MATH-310 Differential Equations	3	EGNR-140 Linear Alg / Num Methods	2
PHYS-221 Prob and Princ of Physics I	5	PHYS-231 Applied Physics I	4	sub CSCI-105 for EGNR-265 C Program	
PHYS-222 Prob and Princ of Physics II	5	PHYS-232 Applied Physics II	4	EGNR-340 Num Methods for Engineers	1
		Additional Credits	7	EGNR-491 Engineering Design Project I	3
Michigan Transfer Agreement (MTA)		General Education Requirements Met		EGNR-495 Engineering Design Project II	3
Additional MTA Courses	20-24	Additional Credits	20-24	EGRS-460 Control Systems	4
				MATH-308 Probability and Statistics	3
				Technical Electives	17-18
		* not required for the B.S. Mechanical Engineering degree			
<b>TOTAL NMC CREDITS</b>	<b>71-75</b>	<b>TOTAL LSSU TRANSFER CREDITS</b>	<b>71-75</b>	<b>TOTAL ADDITIONAL LSSU CREDITS</b>	<b>63-64</b>

Course schedules and offerings throughout the year are subject to change without notice. Students are expected to work closely with advisors in planning out their academic schedules.

Any of the Northwestern Michigan College courses listed above will transfer to Lake Superior State University according to the transfer guide above only with a grade of 'C' or better.

Any student completing the Engineering Certificate at Northwestern Michigan College is guaranteed admission into the B.S. Computer Engineering program at Lake Superior State University.

APPROVED BY:



9/27/16

Dr. David Finley  
Provost  
Lake Superior State University

(Date)



9-19-2016

Dr. Stephen Siciliano  
Vice President for Educational Services  
Northwestern Michigan College

(Date)