

Lake Superior State University — Transfer Guide

NORTHWESTERN MICHIGAN COLLEGE

Transfer Major:

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

Contacts:

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Science and Mathematics
Northwestern Michigan College
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Valid For:

students transferring to LSSU
Fall 2016 through Fall 2021

Dr. David Baumann, Chair
School of Engineering and Technology
Lake Superior State University
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NMC Courses		LSSU Equivalency		Additional LSSU Courses	
CHM-150 General Chemistry I	5	CHEM-115 General Chemistry	5	EGEE-125 Digital Fundamentals	4
EGR-101 Intro to Engineering	1	EGNR-101 Intro to Engineering	2	EGEE-250 Microcontroller Fundamentals	4
EGR-113 Engineering Graphics I	3	EGMT-142 Overview of Solid Modelling*	2*	EGEE-280 Intro to Signal Processing	4
EGR-201 Statics	3	EGEM-220 Statics	3	EGEE-310 Network Analysis	4
EGR-202 Mechanics of Materials	3	EGME-225 Mechanics of Materials*	3*	EGEE-330 Electro-Mechanical Devices	4
EGR-203 Dynamics	4	EGEM-320 Dynamics*	3*	EGEE-345 Fund of Eng Electromagnetics	3
MTH-116 Intro to Computer Science	4	CSCI-105 Intro to Computer Science*	3*	EGEE-370 Electronic Devices	4
MTH-141 Anal Geometry and Calculus I	5	MATH-151 Calculus I	4	EGEE-475 Power Electronics	4
MTH-142 Anal Geometry and Calculus II	5	MATH-151 Calculus II	4	EGNR-140 Linear Alg / Num Methods	2
MTH-241 Anal Geometry and Calculus III	4	MATH-251 Calculus III	4	EGNR-265 C Programming	3
MTH-251 Differential Equations	4	MATH-310 Differential Equations	3	EGNR-340 Num Methods for Engineers	1
PHYS-221 Prob and Princ of Physics I	5	PHYS-231 Applied Physics I	4	EGNR-346 Prob and Stats Lab for Eng	1
PHYS-222 Prob and Princ of Physics II	5	PHYS-232 Applied Physics II	4	EGNR-491 Engineering Design Project I	3
		Additional Credits	7	EGNR-495 Engineering Design Project II	3
Michigan Transfer Agreement (MTA)		General Education Requirements Met		EGRS-460 Control Systems	4
Additional MTA Courses	20-24	Additional Credits	20-24	MATH-308 Probability and Statistics	3
		* not required for the B.S. Electrical Engineering degree		Technical Electives	14
TOTAL NMC CREDITS	71-75	TOTAL LSSU TRANSFER CREDITS	71-75	TOTAL ADDITIONAL LSSU CREDITS	65

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 (Date)
Provost
Lake Superior State University

 9-19-2016
Dr. Stephen Siciliano (Date)
Vice President for Educational Services
Northwestern Michigan College