Lake Superior State University — Transfer Guide

NORTHWESTERN MICHIGAN COLLEGE

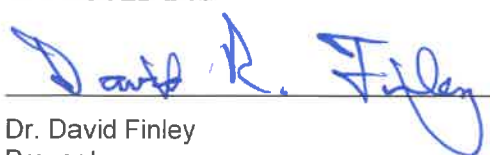| Transfer Major:	NMC: Engineering Certificate + Michigan Transfer Agreement to LSSU: B.S. Computer Engineering	
Contacts:	Mr. Chris Coughlin, Instructor Science and Mathematics Northwestern Michigan College (231) 995-1270 or ccoughlin@nmc.edu Dr. David Baumann, Chair School of Engineering and Technology Lake Superior State University (906) 635-2142 or dbaumann@lssu.edu	**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	CSCI-121 Principles of Programming	4
EGR-101 Intro to Engineering	1	EGNR-101 Intro to Engineering	2	CSCI-2XX Computer Science Elective	3-4
EGR-113 Engineering Graphics I	3	EGMT-142 Overview of Solid Modelling*	2*	CSCI-341 Discrete Structures for CS	4
EGR-201 Statics	3	EGEM-220 Statics*	3*	EGEE-125 Digital Fundamentals	4
EGR-202 Mechanics of Materials	3	EGME-225 Mechanics of Materials*	3*	EGEE-210 Circuit Analysis	4
EGR-203 Dynamics	4	EGEM-320 Dynamics*	3*	EGEE-250 Microcontroller Fundamentals	4
MTH-116 Intro to Computer Science	4	CSCI-105 Intro to Computer Science	3	EGEE-280 Intro to Signal Processing	4
MTH-141 Anal Geometry and Calculus I	5	MATH-151 Calculus I	4	EGEE-320 Digital Design	4
MTH-142 Anal Geometry and Calculus II	5	MATH-151 Calculus II	4	EGEE-355 Microcontroller Systems	4
MTH-241 Anal Geometry and Calculus III	4	MATH-251 Calculus III	4	EGEE-370 Electronic Devices	4
MTH-251 Differential Equations	4	MATH-310 Differential Equations	3	EGEE-425 Digital Signal Processing	3
PHYS-221 Prob and Princ of Physics I	5	PHYS-231 Applied Physics I	4	EGNR-140 Linear Alg / Num Methods	2
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-346 Prob and Stats Lab for Eng	1
				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	MATH-308 Probability and Statistics	3
				Technical Electives	14
		not required for the B.S. Computer Engineering degree			
TOTAL NMC CREDITS	**71-75**	**TOTAL LSSU TRANSFER CREDITS**	**71-75**	**TOTAL ADDITIONAL LSSU CREDITS**	**69-70**

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:

David R. Finley   9/27/16   _Stephen Siciliano_   9-19-2016

Dr. David Finley   (Date)   Dr. Stephen Siciliano   (Date)
Provost   Vice President for Educational Services
Lake Superior State University   Northwestern Michigan College