

Lake Superior State University — Transfer Guide

BAY COLLEGE

Transfer Major:

Bay College A.S. Pre-Engineering
to
LSSU B.S. Electrical Engineering

Contacts:

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Mathematics
Bay College
(906) 217-4007 or slades@baycollege.edu

Valid For:

students transferring to LSSU
Fall 2016 through Fall 2021

Dr. David Baumann, Chair
School of Engineering and Technology
Lake Superior State University
(906) 635-2142 or dbaumann@lssu.edu


Bay College Courses	LSSU Equivalency	Additional LSSU Courses
Michigan Transfer Agreement (MTA) CHEM-110 General Chemistry I 5 ENGL-101 Rhetoric and Composition 3 MATH-141 Anal Geometry and Calculus I 5 PHYS-205 Engineering Physics I 5 XXXX-xxx Communication Elective 3 XXXX-xxx Social and Behavioral Science 6 XXXX-xxx Humanities Electives 6 Requirements CSCI-121 C++ Programming 3 ELEC-130 Circuit Fundamentals 4 MATH-142 Anal Geometry and Calculus II 5 MATH-243 Anal Geometry and Calculus III 5 MATH-244 Differential Equations 3 MATH-250 Intro to Linear Algebra 3 PHYS-206 Engineering Physics II 5 PHYS-260 Statics 3	General Education Requirements Met CHEM-115 General Chemistry 5 ENGL-110 First Year Composition I 3 MATH-151 Calculus I 4 PHYS-231 Applied Physics I 4 XXXX-xxx Communication Elective 3 XXXX-xxx Social and Behavioral Science 6 XXXX-xxx Humanities Electives 6 Requirements CSCI-177 Computer Science Elective 3 EGEE-210 Circuit Analysis 4 MATH-152 Calculus II 4 MATH-251 Calculus III 4 MATH-310 Differential Equations 3 MATH-305 Linear Algebra* 3* PHYS-232 Applied Physics II 4 EGEM-220 Statics 3 Additional Credits Transferred 5 * may be counted as a technical elective	EGEE-125 Digital Fundamentals 4 EGEE-250 Microcontroller Fundamentals 4 EGEE-280 Intro to Signal Processing 4 EGEE-310 Network Analysis 4 EGEE-330 Electro-Mechanical Devices 4 EGEE-345 Fund of Eng Electromagnetics 3 EGEE-370 Electronic Devices 4 EGEE-475 Power Electronics 4 Waive EGNR-101 Intro to Engineering EGNR-140 Linear Alg / Num Methods 2 Sub CSCI-177 for EGNR-265 C Program EGNR-340 Num Methods for Engineers 1 EGNR-346 Prob and Stats Lab for Eng 1 EGNR-491 Engineering Design Project I 3 EGNR-495 Engineering Design Project II 3 EGRS-460 Control Systems 4 MATH-308 Probability and Statistics 3 Additional Technical Electives 11 Additional Credits Needed 1
TOTAL BAY COLLEGE CREDITS 64	TOTAL LSSU TRANSFER CREDITS 64	TOTAL ADDITIONAL LSSU CREDITS 60

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 student completing the A.S. Pre-Engineering degree at Bay College is guaranteed admission into the B.S. Electrical Engineering program at Lake Superior State University.

APPROVED BY:

 1/21/16
Dr. David Finley, Provost
Lake Superior State University (Date)

 12/5/16
Dr. Matt Barron, Executive Dean, AS&AS
Bay College (Date)