

Lake Superior State University — Transfer Guide

BAY COLLEGE

Transfer Major:

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

Contacts:

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Valid For:

students transferring to LSSU
Fall 2016 through Fall 2021


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 ELEC-170 Digital I 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 Natural Science Elective 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 EGEE-125 Digital Fundamentals 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 Natural Science Elective** 3** Additional Credits Transferred 5 * may be counted as a technical elective ** not required for BS-CE degree	Sub CSCI-177 for CSCI-105 Intro to CS CSCI-121 Principles of Programming 4 CSCI-2XX Computer Science Elective 3-4 CSCI-341 Discrete Structures for CS 4 EGEE-250 Microcontroller Fundamentals 4 EGEE-280 Intro to Signal Processing 4 EGEE-320 Digital Design 4 EGEE-355 Microcontroller Systems 4 EGEE-370 Electronic Devices 4 EGEE-425 Digital Signal Processing 3 Waive EGNR-101 Intro to Engineering EGNR-140 Linear Alg / Num Methods 2 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 MATH-308 Probability and Statistics 3 Additional Technical Electives 11
TOTAL BAY COLLEGE CREDITS 68	TOTAL LSSU TRANSFER CREDITS 68	TOTAL ADDITIONAL LSSU CREDITS 58-59

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. Computer Engineering program at Lake Superior State University.

APPROVED BY:

 11/21/16
 Dr. David Finley, Provost (Date)
 Lake Superior State University

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