

Lake Superior State University—Articulation Agreement

Bay de Noc Community College

Transfer Major: Bachelor of Science-Manufacturing Engineering Technology

Contacts	Jillena Rose, Transfer & Student Advising Bay de Noc Community College 906/217.4047 or jillena.rose@baycollege.edu Bay College Admissions 906/786.5802	Valid:	Fall 2023 - Fall 2026
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Bay College Courses	LSSU Equivalency	Additional LSSU Courses
Michigan Transfer Agreement (MTA)	STUDENTS EARN MTA AT BAY COLLEGE	REQUIREMENTS
ENGL101 Rhet & Comp 3	ENGL110 First-Year Composition I 3	ECON302 Managerial Economics 4
XXXXxxx Communication 3	XXXXxxx Communication 3	EGET270 Applied Electricity 4
MATH140 Precalculus 5	MATH131 College Trigonometry 2	EGET275 Applied Electronics 4
	-and- MATH111: College Algebra 3	EGME141 Solid Modeling 3
CHEM102/104 Intro to Chem & Lab 5	CHEM108/9 Applied Chemistry & Lab 3+2	EGME240 Assembly Modeling & GD&T 3
PHYS201 Elements of Physics I 4	PHYS221 Elements of Physics I 4	EGME275 Engineering Materials 3
XXXXxxx Social & Behavioral Science 6	XXXXxxx Social & Behavioral Science 6	EGME276 Strength of Materials Lab 1
XXXXxxx Humanities 6	XXXXxxx Humanities 6	EGMT216 CAM with CNC Apps 3
REQUIREMENTS	REQUIREMENTS	EGMT225 Statics, Strengths of Materials 4
BUSN242 Principles of Mgmt or LSSU's MGMT371 3	MGMT360 Management Concepts or MGMT371: Op/Bus Analytics 3	EGNR101 Waived for Transfer Students
CHEM102/104 From above MTA	CHEM108/9 From above MTA	EGNR140 Linear Algebra 2
CSCI120 Principles of Programming 4	EGNR265 C Programming 3+1	EGNR245 Calculus Apps for Tech 3
MATH140 From above MTA	MATH111 & 131: From above MTA	EGNR310 Quality Engineering 3
MATH210 Intro to Statistics 4	MATH207 Princ of Statistical Methods 3+1	EGRS325 Industrial Control Systems 3
PHYS201 From above MTA	PHYS221 From above MTA	EGRS380 Robotics Technology 2
ELEC170 Digital Fundamentals 4	EGEE125 Digital Fundamentals 4	EGRS381 Robotics Technology Lab 1
ELEC290 Intro Prog. Logic Control 4	EGRS365 Prog. Logic Controllers 3+1	EGRS480 Mfg Automation 3
TECH100 Basic Machine Tool Op and TECH105: Materials of Industry 4	EGME110 Manufacturing Processes 3+5	EGRS481 Mfg Automation Lab 1
TECHNICAL ELECTIVE (min. 10 cr selected from Bay and/or LSSU)	TECHNICAL ELECTIVE (min. 10 cr selected from Bay and/or LSSU)	MATH112 Calculus for Business 4
ELEC240: Real Time Robotics (4 cr) 0-4	EGRS215: Intro to Robotics (2+2 cr) 0-4	SENIOR SEQUENCE (Select 1 Sequence 6-12)
ELECTIVES (to reach min. 124 cr)	ELECTIVES (to reach min. 124 cr)	Industrial: EGNR491 & 495
CSCI101: Computer Science I (3 cr)	CSCI105: Intro Computer Programming (3 cr)	Cooperative: EGNR250, 450, 451, & 491
		Research Project: EGNR260, 460, 461
		TECHNICAL ELECTIVE (min. 10 cr) 6-10
		CSCI265, ECON307, EGEE250, EGME310, EGNR261, EGNR496, EGRS235, EGRS305, EGRS372, EGRS375, EGRS430, & MATH215 or ↑
		Robotics Technology minor option:
		EGRS215, 430, 480, 481, & EGNR496
APPROX. BAY COLLEGE CREDITS 63-67		LSSU CREDITS 63-73
		Min. 124
		TOTAL CREDITS 124

Note: Students will earn Bay's A.A. Engineering Technology upon successful completion of the courses listed in blue. Consult with a Bay advisor.

Consultation with an advisor is recommended. EGNR101 will be waived for transfer students; CSCI120 will be subbed for EGNR265.

Mindy McCready 9/11/2023
 Ms. Mindy McCready (Date)
 LSSU Interim Dean of the College of Innovation and Solutions

Kimberly Muller 9/12/23
 Dr. Kimberly Muller (Date)
 LSSU Interim Provost & VP of Academic Affairs

Mark Highum 9/18/23
 Mr. Mark Highum (Date)
 Bay College Dean of Business & Technology

Cynthia Carter 9/18/23
 Ms. Cindy Carter (Date)
 VP Business, Tech, Allied Health & Workforce Dev.