ROBOTICS ENGINEERING
2025-2026 Bulletin
MINNESOTA STATE UNIVERSITY, MANKATO

This information is true and accurate to the best of my knowledge
Student Signature_____

Year Taken	Freshman(FALL)	Grade
_____	MATH 121 Calculus I (4)	_____
_____	ENG 101 English Comp (4)	_____
_____	EE 109 Intro to EE & CE IK(3)	_____
_____	EE 105 Intro to ECET (1)	_____
_____	EET 112 Elem. Electric & Electr (3)	_____

Year Taken	Freshman(SPRING)	Grade
_____	MATH 122 Calculus II (4)	_____
_____	PHYS 221 General Physics I (4)	_____
_____	EE 298 Topics: Embedded Data Structure(3)	_____
_____	EE 128 Intro to Digital Logic (3)	_____
_____		_____

Year Taken	Sophomore(FALL)	Grade
_____	MATH 321 Ord Diff Eq (4)	_____
_____	PHYS 222 General Physics II (3)	_____
_____	ME 212 Statics (3)	_____
_____	EE 230 Circuit Analysis I (3)	_____
_____	EE 240 Eval. of Circuits (1)	_____

Year Taken	Sophomore(SPRING)	Grade
_____	MATH 223 Calculus III (4)	_____
_____	EE 231 Circuit Analysis II (3)	_____
_____	ME 214 Dyanamics (3)	_____
_____	MATH 247 Linear Algebra (4)	_____
_____	EE 245 Robotics Program &Alg (3)	_____

Year Taken	Junior(FALL)	Grade
_____	EE 334 Micro Process Eng II (3)	_____
_____	EE 344 Micro Process Eng II Lab (1)	_____
_____	EE 341 Signals and Systems (3)EE 298	_____
_____	EE 298 Topics (4)	_____
_____	ECON 100 Intro to US Econ (3)	_____
_____	General Education (3)	_____

Year Taken	Junior(SPRING)	Grade
_____	EE 358 Control Systems (3)	_____
_____	EE 390 Smart Sensor Systems (3)	_____
_____	EE 353 Comm Systems Eng (3)	_____
_____	COM 100 Fundament. of Comm. (3)	_____
_____	General Education (3)	_____
_____		_____
_____		_____
_____		_____

Year Taken	Senior(FALL)	Grade
_____	EE 467W Prin Engr Design III (1)	_____
_____	EE 445 Mobile Robotics (3)	_____
_____	ME 465 Robotics Systems (3)	_____
_____	Major Elective (3)	_____
_____	General Education (3)	_____

Year Taken	Senior(SPRING)	Grade
_____	EE 477W Prin Engr Design IV (1)	_____
_____	EE 490 Engineer. App. of AI & ML (3)	_____
_____	EE 456 Robotic Vision (3)	_____
_____	Major Elective (3)	_____
_____	General Education(3)	_____

- Refer to Degree Audit Report for available major electives.
- Students must have a core and a related area cultural diversity course, i.e. (1-purple and 1-gold) or (2-purple) courses.
- All courses in the Major must be completed with a C- or better to be counted toward graduation. All others completed with C or better. Must complete minimum of 20 semester hours of upper division EE courses and senior design at MSU. Must have GPA of 2.25 or better on upper level EE coursework. Must have a GPA of 2.5 for all science, math and engineering courses. Must complete the Fundamentals of Engineering (FE) exam and achieved the desired competency level.

Choose at least 12 credits of General Education courses to meet Goal Areas 5, 6, 7, 8, 9, 10, as well as cultural diversity and writing intensive requirements. A recommended list of courses are AIS 211 (Goal Area 5, 7, Purple), EET 125 (Goal Area 6, 8, Purple), PHIL 224W (Goal Area 6, 9, writing intensive) and URBS 150 (Goal Area 10).