

Student Name _____
 Tech ID _____
 Cumulative GPA _____
 MSU GPA _____
 Hours Employed/wk _____
 Requested Courses for _____
 Semester _____ Year _____
 Do you have transfer coursework?
 Yes No

**COMPUTER ENGINEERING
 APPLICATION SPECIFIC IC DESIGN FOCUS**

**2025 - 2026 Bulletin
 MINNESOTA STATE UNIVERSITY, MANKATO**

Advisor Review/Office Use Only
 Initial _____
 Date _____
 General Transfer Evaluation Complete
 Yes No N/A
 Core Transfer Evaluation Complete
 Yes No N/A
 Completed Competency Exam
 Yes No Date _____
 Completed FE Exam
 Yes No Date _____

*This information is true and accurate to the best of my knowledge
 Student Signature _____*

<u>Year Taken</u>	<u>Freshman (FALL)</u>	<u>Grade</u>	<u>Year Taken</u>	<u>Freshman (SPRING)</u>	<u>Grade</u>
_____	MATH 121 Calculus I (4)	_____	_____	MATH 122 Calculus II (4)	_____
_____	ENG 101 Composition (4)	_____	_____	PHYS 221 General Physics I (4)	_____
_____	EE 105 Intro to ECET (1)	_____	_____	EE 298 Topics: Embedded Data Structure (3)	_____
_____	EE 107 Intro to EE & CE II (3)	_____	_____	EE 106 Intro to Digital Logic (3)	_____
_____	CHEM 191 Chemistry App (3)	_____			

<u>Year Taken</u>	<u>Sophomore (FALL)</u>	<u>Grade</u>	<u>Year Taken</u>	<u>Sophomore (SPRING)</u>	<u>Grade</u>
_____	PHYS 222 General Physics II (3)	_____	_____	MATH 247 Linear Algebra I (4)	_____
_____	ME 213 Stats and Dynam EE (3)	_____	_____	EE 231 Circuit Analysis II (3)	_____
_____	MATH 321 Ord Diff Eq (4)	_____	_____	EE 234 Micro. Engineering I (3)	_____
_____	EE 230 Circuit Analysis I (3)	_____	_____	COMM 102 Public Speaking (3)	_____
_____	EE 240 Evaluation of Circuits (1)	_____	_____	Math 280 Discrete Math for CS (4)	_____
_____	EE 281 Digital Systems & Test (3)	_____			
_____	EE 282 Digital Syst/Test Lab (1)	_____			

<u>Year Taken</u>	<u>Junior (FALL)</u>	<u>Grade</u>	<u>Year Taken</u>	<u>Junior (SPRING)</u>	<u>Grade</u>
_____	EE 332 Electronics I (3)	_____	_____	EE 245 Robotics Program. & Algor (3)	_____
_____	EE 334 Micro. Eng. II (3)	_____	_____	EE 333 Electronics II (3)	_____
_____	EE 344 Micro. II Lab (1)	_____	_____	EE 353 Comm. Systems Eng. (3)	_____
_____	MATH 354 Concepts of Prob/Stats (4)	_____	_____	EE 358 Control Systems (3)	_____
_____	EE 341 Signals and Systems (3)	_____	_____	EE 498 Topics: Heterogeneous O/S (3)	_____
_____	EE 395 Comp HW and Org (3)	_____	_____		

<u>Year Taken</u>	<u>Senior (FALL)</u>	<u>Grade</u>	<u>Year Taken</u>	<u>Senior (SPRING)</u>	<u>Grade</u>
_____	EE 467W Prin Engr Design III (2)	_____	_____	EE 477W Prin Engr Design IV (2)	_____
_____	EE 450 Engr Economics (3)	_____	_____	EE 490 Engineer. App. of AI & ML (3)	_____
_____	Major Elective (3)	_____	_____	Major Elective (3)	_____
_____	General Education Course (3)	_____	_____	General Education Course (3)	_____
_____	General Education Course (3)	_____	_____	General Education Course (3)	_____
_____	ECON 201 OR 202 (3)	_____	_____		

- Refer to Degree Audit Report for available major elective courses.
- 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 General Education courses to cover Goal Areas 5, 6, 7, 8, 9, 10, diverse cultures and writing intensive requirements. A recommended list is ETHN 100 (Goal Area 5, 7, Purple), ART 160 (Goal Area 6, 8, Purple), PHIL120W (Goal Area 6, 9, writing intensive) and a course in Goal Area 10.