

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

ECET Course Advising
COMPUTER ENGINEERING
APPLICATION SPECIFIC IC DESIGN FOCUS
2024 - 2025 Bulletin
MINNESOTA STATE UNIVERSITY,
MANKATO

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

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 _____

<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)	_____	_____	ENG 271W Tech. Comm. (4)	_____
_____	EE 107 Intro to EE & CE II (3)	_____	_____	EE 106 Intro to EE & CE I (3)	_____
_____	H/SS Elective (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 223 Calculus III (4)	_____
_____	PHYS 232 Gen Phys II Lab (1)	_____	_____	EE 231 Circuit Analysis II (3)	_____
_____	MATH 321 Ord Diff Eq (4)	_____	_____	EE 234 Micro. Engineering I (3)	_____
_____	EE 230 Circuit Analysis I (3)	_____	_____	EE 235 Micro Eng. I Lab (1)	_____
_____	EE 240 Evaluation of Circuits (1)	_____	_____	EE 245 Robotics Programming (4)	_____
_____	EE 281 Digital Systems & Test (3)	_____	_____	ME 291 (3) OR MATH 354 (4)	_____
_____	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 333 Electronics II (3)	_____
_____	EE 342 Electronics Lab (1)	_____	_____	EE 343 Electronics II Lab (1)	_____
_____	EE 334 Micro. Eng. II (3)	_____	_____	EE 358 Control Systems (3)	_____
_____	EE 336 Prin of Engr Design I (1)	_____	_____	EE 368 Control Systems Lab (1)	_____
_____	EE 341 Signals and Systems (3)	_____	_____	EE 337 Prin of Engr Design II (1)	_____
_____	EE 344 Micro. II Lab (1)	_____	_____	Math 280 Discrete Math for CS I (4)	_____
_____	EE 395 Comp HW and Org (3)	_____	_____	ME 213 OR EE 353 (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 (1)	_____	_____	EE 477W Prin Engr Design IV (1)	_____
_____	EE 450 Engr Economics (3)	_____	_____	*EE 485 ASIC Design (4)	_____
_____	*EE 484 VLSI Design (3)	_____	_____	ME 299 Thermal Analysis (2)	_____
_____	*EE 481 VLSI Design lab (1)	_____	_____	PHYS 223 General Phys III (3)	_____
_____	EE 486 Signal Integrity (3)	_____	_____	H/SS Elective (3)	_____
_____	*EE470 Wireless Network (3)	_____	_____	H/SS Elective (3)	_____
_____	ECON 201 OR ECON 202 (3)	_____			

- 12 credits H/SS required. List Humanities courses (6 cr.) and Social Science courses (6 cr.) below.
 At least 3 credits of H/SS courses must be at the 300 level or above and must follow a lower course in the same subject area. ECON 201/202 is counted towards this requirement.
- 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.

Humanities Courses _____, _____, _____
 Social Sciences Courses _____, _____, _____
 Core Cultural Diversity Course _____ Related Cultural Diversity Course _____
 Total Hours Completed (MSU) _____ Graduation Check Registrar _____ Graduation Check ECET _____