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
EMBEDDED & IOT FOCUS
2019 - 2020 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_____

Year Taken	Freshman (FALL)	Grade
_____	MATH 121 Calculus I (4)	_____
_____	MATH 180 Math for Comp Sci (4)	_____
_____	ENG 101 Composition (4)	_____
_____	EE 106 Intro to EE & CE I (3)	_____
_____	H/SS Elective (3) _____	_____

Year Taken	Freshman (SPRING)	Grade
_____	MATH 122 Calculus II (4)	_____
_____	PHYS 221 General Physics I (4)	_____
_____	ENG 271W Tech. Comm. (4)	_____
_____	EE 107 Intro to EE & CE II (3)	_____
_____	H/SS Elective (3) _____	_____

Year Taken	Sophomore (FALL)	Grade
_____	PHYS 222 General Physics II (3)	_____
_____	PHYS 232 Gen Phys II Lab (1)	_____
_____	MATH 321 Ord Diff Eq (4)	_____
_____	EE 230 Circuit Analysis I (3)	_____
_____	EE 240 Evaluation of Circuits (1)	_____
_____	EE 234 Micro. Engineering I (3)	_____
_____	EE 235 Micro Eng. I Lab (1)	_____

Year Taken	Sophomore (SPRING)	Grade
_____	IT 214 Fund of Software Develop (4)	_____
_____	Math 223 Calculus III (4)	_____
_____	EE 231 Circuit Analysis II (3)	_____
_____	EE 281 Digital Systems & Test (3)	_____
_____	EE 282 Digital Syst/Test Lab (1)	_____
_____	PHYS 223 Gen. Physics III (3)	_____
_____	PHYS 233 Gen. Phys III Lab (1)	_____

Year Taken	Junior (FALL)	Grade
_____	EE 332 Electronics I (3)	_____
_____	EE 342 Electronics Lab (1)	_____
_____	EE 334 Micro. Eng. II (3)	_____
_____	EE 336 Prin of Engr Design I (1)	_____
_____	EE 341 Signals and Systems (3)	_____
_____	EE 344 Micro. II Lab (1)	_____
_____	EE 395 Comp HW and Org (3)	_____

Year Taken	Junior (SPRING)	Grade
_____	*EE 390 Smart Sensor System (4)	_____
_____	EE 358 Control Systems (3)	_____
_____	IT 310 Data Structure/Algorithm (4)	_____
_____	EE 337 Prin of Engr Design II (1)	_____
_____	EE 368 Control Systems Lab (1)	_____
_____	ME 291 (3) **OR** MATH 354 (4)	_____

Year Taken	Senior (FALL)	Grade
_____	EE 467W Prin Engr Design III (1)	_____
_____	EE 450 Engr Economics (3)	_____
_____	*EE 470 Wireless Networking (3)	_____
_____	ECON 201 Macro **OR** 202 Micro (3)	_____
_____	*CS 350 Network Architecture (3)	_____

Year Taken	Senior (SPRING)	Grade
_____	EE 477W Prin Engr Design IV (1)	_____
_____	CS 460 Operating Sys: Design/Im (3)	_____
_____	*EE 489 Real-time Embedded Sys. (4)	_____
_____	ME 299 Thermal Analysis (2)	_____
_____	H/SS Elective (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.
- 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_____

2019-2020