ELECTRICAL ENGINEERING
2023-2024 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)	_____
_____	CHEM 191 Chemistry App. (3)	_____
_____	ENG 101 English Comp (4)	_____
_____	EE 106 Intro to EE & CE I (3)	_____
_____	EE 105 Intro to ECET (1)	_____

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
_____	MATH 321 Ord Diff Eq (4)	_____
_____	PHYS 222 General Physics II (3)	_____
_____	PHYS 232 Gen Phys II Lab (1)	_____
_____	EE 230 Circuit Analysis I (3)	_____
_____	EE 240 Eval. of Circuits (1)	_____
_____	EE 281 Digital Sys. Design/Test(3)	_____
_____	EE 282 Digital Sys/Test Lab (1)	_____

Year Taken	Sophomore(SPRING)	Grade
_____	MATH 223 Calculus III (4)	_____
_____	EE 231 Circuit Analysis II (3)	_____
_____	EE 241 Electric Circuits Lab (1)	_____
_____	EE 234 Micro. Engineering I (3)	_____
_____	EE 235 Micro. Eng. I 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 341 Signals & Systems (3)	_____
_____	EE 303 Intro Solid State Devices (3)	_____
_____	EE 304 Solid State Devices Lab (1)	_____
_____	EE 336 Prin Engr Design I (1)	_____
_____	ME 291 (3) OR MATH 354 (4)	_____

Year Taken	Junior(SPRING)	Grade
_____	EE 333 Electronics II (3)	_____
_____	EE 343 Electronics Lab II (1)	_____
_____	EE 353 Comm. Systems Engr (3)	_____
_____	EE 363 Comm. Systems Lab (1)	_____
_____	EE 358 Control Systems (3)	_____
_____	EE 368 Control Systems Lab (1)	_____
_____	EE 337 Prin of Engr Design II (1)	_____
_____	EE 350 Engr Electromagnetics (3)	_____

Year Taken	Senior(FALL)	Grade
_____	EE 467W Prin Engr Design III (1)	_____
_____	EE 482 Electromechanics (3)	_____
_____	EE 450 Engr Economics (3)	_____
_____	*EE Elective (3) _____	_____
_____	*EE Elective (3) _____	_____
_____	ECON 201 Macro OR 202 Micro(3)	_____

Year Taken	Senior(SPRING)	Grade
_____	EE 477W Prin Engr Design IV (1)	_____
_____	* EE Elective (3) _____	_____
_____	* EE Elective (3) _____	_____
_____	H/SS Elective (3) _____	_____
_____	H/SS Elective (3) _____	_____
_____	**Business Elective (3) _____	_____

* Acceptable courses for EE elective sequences include the following sequences: EE 473, EE 474, EE 483; EE 453, EE 476, EE 487; EE 334, EE 471, EE 472; and EE 475, EE 484, EE 485. Other courses eligible include EE 470, EE 489, EE 498, and EE 499. Laboratories available to support course offerings include EE 344, EE 480 and EE 481. Must complete ≥ 9 credit hours of approved EE elective courses. It is recommended that at least two courses are taken from the same sequence.

** Business Electives: BLAW 200, FINA 362, MGMT 330, MGMT 340, MRKT 310

- 12 credits H/SS required. List Humanities courses (6 cr.) and Social Science courses (6 cr.) below. ECON 201/202 is counted towards this requirement. 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_____