

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

**ELECTRICAL ENGINEERING**  
**2009-2010 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) \_\_\_\_\_  
 \_\_\_\_\_ CHEM 191 Chem for Engrs (3) \_\_\_\_\_  
 \_\_\_\_\_ ENG 101 English Comp (4) \_\_\_\_\_  
 \_\_\_\_\_ H/SS Elective \_\_\_\_\_  
 \_\_\_\_\_ EE 106 Intro to EE & CE I (3) \_\_\_\_\_

**Year Taken**   **Freshman(SPRING)**   **Grade**  
 \_\_\_\_\_ MATH 122 Calculus II (4) \_\_\_\_\_  
 \_\_\_\_\_ PHYS 221 General Physics I (4) \_\_\_\_\_  
 \_\_\_\_\_ \*SPEE 233 Pub Speaking Tech (3) \_\_\_\_\_  
 \_\_\_\_\_ EE 107 Intro to EE & CE II (3) \_\_\_\_\_  
 \_\_\_\_\_ H/SS Elective \_\_\_\_\_

**Year Taken**   **Sophomore(FALL)**   **Grade**  
 \_\_\_\_\_ MATH 321 Ord Diff Eq (4) \_\_\_\_\_  
 \_\_\_\_\_ PHYS 222 General Physics II (3) \_\_\_\_\_  
 \_\_\_\_\_ PHYS 232 Gen Phys II Lab (1) \_\_\_\_\_  
 \_\_\_\_\_ ME 212 Statics (3) \_\_\_\_\_  
 \_\_\_\_\_ EE 230 Circuit Analysis I (3) \_\_\_\_\_  
 \_\_\_\_\_ EE 235 Micro I Lab (1) \_\_\_\_\_  
 \_\_\_\_\_ CS220 Machine Struc/Prog (3) \_\_\_\_\_

**Year Taken**   **Sophomore(SPRING)**   **Grade**  
 \_\_\_\_\_ MATH 223 Calculus III (4) \_\_\_\_\_  
 \_\_\_\_\_ EE 231 Circuit Analysis II (3) \_\_\_\_\_  
 \_\_\_\_\_ EE 240 Evaluation of Circuits (1) \_\_\_\_\_  
 \_\_\_\_\_ PHYS 223 Gen. Physics III (3) \_\_\_\_\_  
 \_\_\_\_\_ PHYS 233 Gen. Phys III Lab (1) \_\_\_\_\_  
 \_\_\_\_\_ ME 291 **OR** MATH 354 (3) \_\_\_\_\_  
 \_\_\_\_\_ H/SS Elective \_\_\_\_\_

**Year Taken**   **Junior(FALL)**   **Grade**  
 \_\_\_\_\_ EE 332 Electronics I (3) \_\_\_\_\_  
 \_\_\_\_\_ EE 342 Elec Design 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) \_\_\_\_\_  
 \_\_\_\_\_ EE 381 Digital Systems & Test (3) \_\_\_\_\_  
 \_\_\_\_\_ EE 382 Digital Syst/Test Lab (1) \_\_\_\_\_

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

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

**Year Taken**   **Senior(SPRING)**   **Grade**  
 \_\_\_\_\_ EE 477 Prin Engr Design IV (1) \_\_\_\_\_  
 \_\_\_\_\_ \*\*\* EE Elective \_\_\_\_\_  
 \_\_\_\_\_ H/SS Elective \_\_\_\_\_  
 \_\_\_\_\_ ME 299 Thermal Analysis (2) \_\_\_\_\_  
 \_\_\_\_\_ \*\* Business Elective \_\_\_\_\_  
 \_\_\_\_\_ \*\*\* EE Elective \_\_\_\_\_

\*\*\* Acceptable courses for EE elective sequences include: a: EE 453, EE 476, EE 487; b: EE 334, EE 471, EE 472; or c: EE 475, EE 479, EE 484. Laboratories available to support course offerings include EE 344, EE 480 and EE 481. List course taken and number of credits.  
 Must complete  7 credit hours of approved EE elective courses – at least  two courses taken from one sequence.

\*\* Business Electives:  EE 450 and BLAW 200 or FINA 362 or MGMT 330 or MGMT 440 or MRKT 310

\* This course may be substituted by ENG 271 **OR** Speech 102.

- List  Humanities courses (6-7 cr) and  Social Science courses (6-7 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. Student must have a  core and  related area cultural diversity course.
- All courses must be completed with a C or better to be counted towards graduation.  Must complete min. 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 MSU EE coursework.  Must have a GPA of 2.5 for all science, math and engineering courses.  Must have taken 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 \_\_\_\_\_