ENROLLMENT ADVISING FORM

☐ Fall   ☐ Spring   ☐ Sum   **Year:** _____

Name: _____

Banner ID: _____

Major(s): _____ **Year:** _____

Option(s): _____

Minor(s): _____

ENROLLMENT DATE

_____

Current Holds:

☐ Honors (Old Central)
☐ Medical records (Health Services)
☐ Bursar (113 SU)
☐ Res Life (100 Iba Hall)
☐ HAVEN (1is2Many.okstate.edu)

☐ ISS (250 SU)
☐ HS transcript (219 SU)
☐ College/University transcript
☐ Other _____
_____

CRN Number	Course Prefix	Course Number	Credit Hours	Degree Requirement	Prerequisites Needed	Alternate Courses/Additional Notes

Total credit hours

Additional comments or directions:

studentservices.okstate.edu

Advisor Signature: _____ **Date:** _____

Student Signature: _____ **Date:** _____

MECHATRONICS AND ROBOTICS

Year 1

Year 2

Graduation Requirements:
▪ **OPTION: Computer**

Freshman Fall 15	Freshman Spring 17	Sophomore Fall 17	Sophomore Spring 13

Preparatory Courses

•A minimum Technical GPA of 2.00 is required. The Technical GPA is calculated from all courses counting in the curriculum with a prefix belonging to the degree program or substitutions for these courses.

•A grade of "C" or better is required in all analytical, science, engineering and engineering technology courses to graduate.

• For further information, contact the School or the Office of the Dean of Engineering and Technology.

• A flexible study plan is designed to meet each student's individual goals.

• NOTE: This flow chart is for planning purposes only. Students will be held responsible for degree requirements in effect at the time of matriculation (date at first enrollment) & any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. Academic Regulation 3.2)

EET 1104 — Fundamentals of Elect — Grade | Sem Fall

EET 1244 — Circuit Analysis I — Grade | Sem Spring

EET 2544 — Pulse & Digital Tech — Grade | Sem Fall

ENGR 2421 — Eng. Data Acq. — Grade | Sem

HIST 1103 — American History — Grade | Sem

EET 2303 — Technical Programming — Grade | Sem Spring

EET 2633 — Solid State Devices I — Grade | Sem Fall

POLS 1113 — American Gov't — Grade | Sem

MATH 1813 — Precalculus — Grade | Sem

MATH 2144 — Calculus I — Grade | Sem

MATH 2153 — Calculus II — Grade | Sem

MATH 2163 — Calculus III — Grade | Sem

SPCH 2713 "S" — Intro. To Speech Comm — Grade | Sem Fall & Spring

ENGL 1113 — Fresh Comp I — Grade | Sem

PHYS 2104 [1] — Univ. Physics I — Grade | Sem

ENSC2113 — Statics — Grade | Sem Fall & Spring

ENSC2143 — Strength of Materials — Grade | Sem Fall & Spring

ENGR 1111 — Intro to Eng. — Grade | Sem

MET 1123 — Tech. Dwg & Bas. CAD — Grade | Sem

MET 3223 — GD&T — Grade | Sem

MET 3003/ENSC2123 — Dynamics — Grade | Sem Fall & Spring

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1. Students with less than a "B" in ENGL 1113 or 1313 must take ENGL 1213 or 1413; **and may not choose ENGL 3323 as a substitution for 1213 (Academic regulation 3.5).**
2. At least 6 hours designated (H) and at least 3 hours designated (S). Of these, 3 hrs must meet the International Dimension "I" and 3hrs must meet the Diversity course "D" requirement.
3. See the OSU Catalog for prerequisites to specific EET Electives and Controlled electives.
4. ALEKS Exams for Mathematics Classes: Students are required to take an online examination using a system named ALEKS. The following website describes the exam, how to login and other details. Please read all of the website page before going to the link to the exam. Refer to the OSU Math Department website: http://placement.okstate.edu/math.

MECHATRONICS AND ROBOTICS
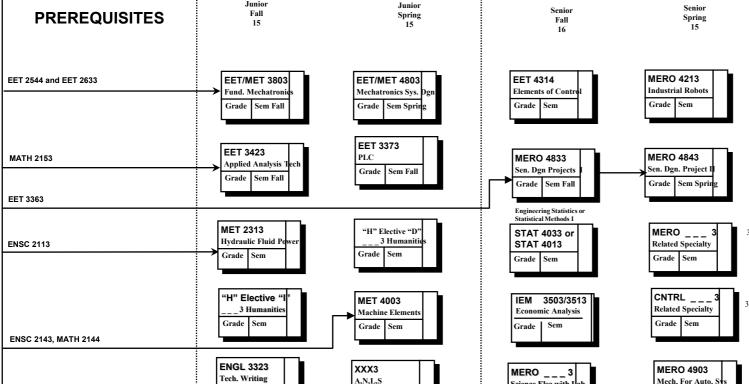
MECHATRONICS AND ROBOTICS
122 Semester Hours
2022-2023

Year 3 **Year 4**

Oklahoma State University
College of Engineering, Architecture & Technology

Name: _____

Advisor: _____

PREREQUISITES

| Junior Fall 15 | Junior Spring 15 | Senior Fall 16 | Senior Spring 15 |

EET 2544 and EET 2633

EET/MET 3803 — Fund. Mechatronics — Grade | Sem Fall

EET/MET 4803 — Mechatronics Sys. Dgn — Grade | Sem Spring

EET 4314 — Elements of Control — Grade | Sem

MERO 4213 — Industrial Robots — Grade | Sem

MATH 2153

EET 3423 — Applied Analysis Tech — Grade | Sem Fall

EET 3373 — PLC — Grade | Sem Fall

MERO 4833 — Sen. Dgn Projects I — Grade | Sem Fall

MERO 4843 — Sen. Dgn. Project II — Grade | Sem Spring

EET 3363

Engineering Statistics or Statistical Methods I

ENSC 2113

MET 2313 — Hydraulic Fluid Power — Grade | Sem

"H" Elective "D" ___ 3 Humanities — Grade | Sem

STAT 4033 or STAT 4013 — Grade | Sem

MERO ___ 3 — Related Specialty — Grade | Sem ³

"H" Elective "I" ___ 3 Humanities — Grade | Sem

MET 4003 — Machine Elements — Grade | Sem

IEM 3503/3513 — Economic Analysis — Grade | Sem

CNTRL ___ 3 — Related Specialty — Grade | Sem ³

ENSC 2143, MATH 2144

ENGL 3323 — Tech. Writing — Grade | Sem

XXX3 — A,N,L,S — Grade | Sem Fall

MERO ___ 3 — Science Elec with Lab — Grade | Sem

MERO 4903 — Mech. For Auto. Sys — Grade | Sem

College or Program Requirements:

• A minimum of 40 hours must be upper division

• Communications 6hrs: ENGL 3323, SPCH 2713 or 3703 or 3723.

Major Requirements 55 Hours:
1) Electronics: 3113, 3123, 3253, 3263, 3303, 3354, 3363, 3523, 3533, 4363, 4833, 4843
2) EET Related Specialty 6hrs. EET 3423 (or GENT 3123), and 3 hours from: EET 3803, EET 4803, MET 2103, 3003, ECEN 3513, 3613, 3723, 4503, EET 4314, 4654 GENT 2323, 3323, 3433, IEM 3513, MATH 2233, 3013, Any ENSC except ENSC 2613.
3) MET Related Specialty 9 hrs.: MET 3353 FS/L, MET 3413 or 3423 F/C, MET 3573 F/L, MET 4023 SuS/Y, MET 4033 F/Y, MET 4113 SuF/A, MET 4173 F/V, MET 4203 SuS/V, MET 4303 S/L, MET 4313 S/C, MET 4713 F/C, MET 4723 S/C, MET 4733 F/Y
4) Computer Science 9hrs. CS 2133, 2351 Specialty and 6 hours upper-division CS.
5) Management 3 hrs: MGMT 3013 or IEM 3503, or IEM 3513

Controlled Electives 3 Hours: 3 hours from: Foreign Language, Speech, any course from the Spears School of Business, any course designated (H) or (D) or (I) and 3 hours from Any course designated (A) (N) (S) (H)