ECE Enterprise Enrollment Guide
for Electrical Engineering and/or Computer Engineering majors

ECE Department Enterprises: Sections L02, L03 and L15
BMSE (L02) – Blue Marble Security, EERC 637 Advisor: Dr. Glen Archer, EERC 629
WCE (L03) – Wireless Communication, EERC 621 Advisor: Mr. Kit Cischke, EERC 520
RSE (L15) – Robotic Systems EERC 8xx Advisor: Dr. Jeremy Bos, EERC 623

Choose your enterprise! http://www.mtu.edu/enterprise/teams/
- Teams of undergraduate students working on projects across many industries and applications.
- Joining an enterprise is optional.
- You may obtain a concentration in Enterprise or a minor in Enterprise with your major.
- You may complete your engineering design requirements in enterprise, junior and senior years.
- You may switch enterprises between semesters except in your last two semesters.
- Optional one-credit enterprise modules supplement the enterprise program. Look for ‘ENT’ courses.
- See your academic advisor to find out how enterprise (ENT) credits may apply to your degree.

Enterprise Program director and Enterprise Minor advisor: Mr. Rick Berkey, M&M 722

To REGISTER for enterprise project work: 1) print a Special Approval/Restriction Waiver Form, 2) meet with the enterprise faculty advisor for approval signature.  List section number and CRN that pertain to the enterprise you are joining.  3) Bring completed waiver forms to the Student Services Center

Which course number should I register in? Know how many semesters you have left until graduation.

Recommendation of ENT courses for project work, based on expected graduation semester:

Freshmen level: (optional)
ENT1950 – Orientation to Enterprise program - fall of first year; graded pass/fail; may not apply to degree
ENT1960 – join when you are in MA2160; 7 or more semesters left

Sophomore level: (optional)
ENT2950 – join when you are in EE2111 and/or have 6 semesters left
ENT2960 – join when you are in EE2112 and/or have 5 semesters left

Junior level: Begin Engineering Design Sequence: Join ENT3950 when you have 4 semesters remaining @Tech.
1. ENT3950 – join as you begin the JR level core required courses (EE3131,EE3160, etc…)
2. ENT3960 – *complete senior design pre-requisites by end of this semester.
ENT3980 - Optional. May use if ENT4950 prerequisites are not yet completed &/or 3 semesters left.

*Senior level: Must be ‘Senior Design Ready’. ENT4950 & ENT4960 must be consecutive & same Enterprise.
3. ENT4950 – 2 credits; Complete permission form for enrollment. Take with or after EE3171/3173.
4. ENT4960 – 2 credits.

End engineering design sequence.
ENT4961 - Project work; 1 credit. Optional, additional semester(s) in enterprise.

*Engineering design pre-requisites: when you are “Senior Design Ready” – Take ENT4950
EE3131, Electronics, and EE3901, Design Fundamentals, must be complete in order to enroll in ENT4950.
EE3171(EE’s) or EE3173(CpE’s) must be complete with or prior to ENT4950.