ECE Department Enterprises:  Sections L02, L03 and L04

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
HEVE (L04) Hybrid Electric Vehicle  Advisors: Dr. John Lukowski, EERC 233  Mr. Robert Page, MEEM 604A
RSE (L15) – Robotic Systems  Interim Advisor: Dr. Glen Archer, EERC 629

- Teams of undergraduate students working on projects across many industries and applications.
- Joining an enterprise is optional.
- See the enterprise list online for information about all the enterprises at Tech.
- You may obtain a concentration in Enterprise or a minor in Enterprise with your major.
- You may complete your engineering design requirements in the enterprise program
- You may switch enterprises between semesters except in your last two semesters.
- Optional one-credit enterprise modules supplement the enterprise program. See ‘ENT’ courses online.
- See your academic advisor to find out how enterprise (ENT) credits may apply to your degree.

Enterprise Program director and Enterprise Minor advisor:  Dr. Mary Raber, M&M 722

Enterprise course codes:  with recommendation of when to join based on expected graduation semester.

Freshmen level:
ENT1950  – Orientation to Enterprise program - fall of first year; graded pass/fail;  may not apply to degree
ENT1960  - Project work – join when you are in MA2160

Sophomore level:
ENT2950  –  Project work  - join when you are in EE2111
ENT2960  –  Project work  - join when you are in EE2112

Junior level:
Begins design sequence for EE & CpE majors: join ENT3950 when you have 4 semesters remaining @Tech.
ENT3950  –  Project work  - join as you begin the JR level core required courses (EE3131)
ENT3960  –  Project work  - complete senior design pre-requisites by end of this semester *see below

Senior level:  Must be ‘Senior Design Ready’ to enroll.  ENT4950 & ENT4960 must be consecutive and in same enterprise. If you do not have pre-reqs complete for ENT4950, skip a semester of enterprise or enroll in ENT3980 if you wish to participate that semester. ENT3980 does not apply to your engineering design requirements.

ENT4950  –  Project work; 2 credits;  Complete permission form for enrollment. Take with or after EE3171/3173.
ENT4960  –  Project work; 2 credits;

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

To REGISTER for enterprise project work, print a Waiver Form (special approval), meet with the enterprise faculty advisor for approval signature.  List section number and CRN that pertain to the enterprise you are joining.  Bring completed waiver forms to the Student Services Center. If you are uncertain which course number (above list) to use, see your academic advisor! Don’t guess.

*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.