

Registration Notes:

Fall 2016 [Registration notes](#) for first-year EE's

- Do not postpone CS1111. **CS1111 is a fall only class.**
- Decide if you'd like accelerated Linear Algebra and Diff EQ in fall, or to split them into two semesters at the normal pace.
- Schedule at least 14 credits with MA2321 & MA3521. (financial aid safety net)
- ENG1100 students will take ENG1102 in fall.
- You can take either a Goal 4 or Goal 8 course, or both. If you did not complete UN1015 or UN1025, take in summer or fall, before taking other gen ed courses.
- Following the flowchart will have the least chance of time conflicts.
- New pre-requisite for EE3250 is EE3180. Update flowchart or print a new one.
- Move EE3250 to sem. 7: switch it with a HASS, EE elective or Approved Elective course.
- Notify transfer@mtu.edu if you are taking a course elsewhere in summer that is a prerequisite for a class you need in fall. (may delay registration of fall course until Transfer Office processes your notice)

BSEE CONCENTRATIONS

If you are considering a [concentration](#):

- Biomedical Applications**
 - Take BL2010 and BE2400 in Fall 2016; Take BL2020 in Spring 2017.
 - Can delay one year
- Environmental Applications**
 - Take ENVE3501 in Fall 2017 and ENVE3502 in Spring 2018
- Enterprise**
 - Take ENT2961 in semester 3 or 5 and ENT2962 in semester 4 or 6.
 - Choose Enterprise project work for your Engineering Design Option. Take ENT3950 in Sem.
- Photonics**
 - Complete PH2200, EE2112, MA3160 and (MA3520 or MA3521) in 2nd year
 - Take EE3090 in fall of 2017 (3rd year)
- Electric Power Engineering – New for 2016-2017**
 - Change catalog year to 2016-2017 (do this in 2nd year or later)
 - Take EE3120 in semester 4, 5 or 6.

USE A CURRICULUM ADD/DROP [FORM](#) TO OFFICIALLY ADD A CONCENTRATION – MEET WITH JUDY

ENTERPRISE ENROLLMENT

ECE Department Enterprises:

- BMSE – Blue Marble Security **L02** Dr. Glen Archer EERC 629
- HEV - Hybrid Electric Vehicle **L04** Bob Page MEEM 604 and John Lukowski EERC 233
- RSE – Robotic Systems **L15** Dr. Glen Archer EERC 629
- WCE – Wireless Communication **L03** Kit Cischke EERC 520

Other Departments: Aerospace Dr. Brad King MEEM 1014) [NO signature needed to register](#)
 Advanced Metalworks Russell Stein M&M 202
 Formula SAE Dr. James DeClerck MEEM 927
 Supermileage Vehicle Rick Berkey M&M 722
 Innovative Global Solutions Dr. Warrington M&M 722
 Open Source Hardware Dr. Joshua Pearce M&M 504
 SENSE – Naval Systems Dr. Andrew Barnard MEEM 930
 Many more...<http://www.mtu.edu/enterprise/teams/all/>

Review the Enterprise Enrollment Guide (at the ECE Advising Page)

The ENT course number depends on # semesters you have remaining at Tech.

Guide: Join *ENT2950* when you are in EE2111 or Diff Eq (and/or have 6 sems. left)

Join *ENT1960* when you are in MA2160 (and/or have 7 sems. left)

View the 'Schedule Of Classes' to get section number, CRN, and enterprise advisor (instructor name on SOC)

Engineering Design Options: (listed in your degree audit)

[Choose one option](#) to meet your engineering design requirements.

Option 1 "Senior Design": 4 credits

EE4901 and EE4910 or EPS – European Project Semester
 or MEEM4901 and MEEM4910

Option 2 "Enterprise" : 6 credits

ENT3950, ENT3960, ENT4950, and ENT4960

Four semesters of enterprise project work in the enterprise of your choice – Junior and senior levels. (or last 4 semesters at Tech). ENT19xx and ENT29xx project work cannot count toward Engineering Design Requirements. "Approved Electives" area is reduced by two credits with the Enterprise option.