

EECS 498-005Lec/051Lab

Multidisciplinary Capstone (MDE) Design Pilot

for EECS Undergrads and ECE Masters students *

Lec: TTH 2-3:30 pm, 133 Chrysler

Lab: TTH 1:00-2:00 pm/3:30-4pm, Location: TBA

(Specific meeting locations arranged after semester start with design team)

(3:30-4pm time slot can be rescheduled with design team for 498-006/007 students with time conflicts.)



Multidisciplinary Design

This is Real-World

Instructor(s)

Prof. Gilchrist (EECS) with Profs Kannatey-Asibu (ME), Taub (MSE), Shtein (MSE)

Course Description

EECS students, together with ME and MSE students work on common, interesting, significant *major design experience* (MDE) projects.

This pilot course is about providing students real-world, multidisciplinary design project opportunities to satisfy their MDE requirement and for ECE masters students interested in meaningful project experiences. (Others: Contact Prof. Gilchrist**)

For W17, we expect to have several projects with application focus in biomedical, energy, spaceflight, and other areas needing EECS students (e.g. sensor/electronics, embedded systems, controls, and wireless). (Please contact Prof. Gilchrist with questions. **)

Attention EECS 430 and 452 W17 students

See next page for more information on EECS 430 or 452 substitution

Prerequisites

EECS senior (EE, CE, or CS) or graduate standing or by permission of instructor* **

Credits: 3 or 4***

* CS Students seeking MDE credit note the following: "CS Students who are interested in using a non-CS course for their MDE requirement need to meet with a Faculty Advisor for permission (note: these students will need at least 18 credits of CS coursework among their Technical Electives)."

** Please contact Prof. Gilchrist (brian.gilchrist@umich.edu, 2240 EECS, 734-763-6230)

*** 4 credit hours appropriate for students doing this as their MDE. 3 credit hours appropriate for students in conjunction with EECS 430 (498-006), 452 (498-007). **