Winter 2016

AERO 552 [Atkins] (Aerospace Information Systems)

AERO 584 [Panagou]

EECS 419 [Hofmann](Electric Machines and Drives)

EECS 460 [Ozay]

EECS 461 [Cook]

EECS 467 [Kuipers](Autonomous Robotics)

EECS 498 [Revzen](Hands-on Robotics) (Special Topics on ECE Web page)

EECS 502 [Teneketzis]

EECS 560 (Aero 550, ME 564) [Girard]

EECS 562 (Aero 551) [Grizzle]

EECS 565 (Aero 580) [Freudenberg]

EECS 569 [Meerkov]

EECS 598 [Mathieu](Special Topics: Power Systems Markets)

EECS 598 [Nadakuditi](Special Topics: Random Matrix Theory and Applications)

EECS 598 [Essi](Special Topics: Mathematics of Sound Synthesis)

ME 461 [Gillespie]

ME 542 [Orsoz](Vehicle Dynamics)

ME 543 [Remy](Analytical and Computational Dynamics)

ME 561 (EECS 561) [Vasudevan]

ME 565 [Stefanopoulou] (Battery Systems and Controls)

ME 566 [Peng] (Hybrid electric vehicles)

Professor Odest (Chad) Jenkins is offering a special topics course in W-16 (i.e., next semester). It will be taught out of the same book that we use for EECS 567 and ME 567. The title of his course is Intro to Autonomous Robotics.

The course is currently listed as a 398 course, which grad students cannot take for credit. If you contact him DIRECTLY at **Odest Jenkins** <ocj@umich.edu>, he will gladly create a 400-level version of the course that graduate students can take for credit.

Here is his description of the course: This course is listed as EECS 398-002 and (I believe) is a lighter and more programming-focused version of ME 567. We will cover basic dynamics and numerical integration, PID control, matrix transforms and forward kinematics, manipulator Jacobians and inverse kinematics, and RRT-based motion planning. If there is interest from graduate students, I would be very interested to create a parallel 498 course that added a bit more advanced content.

I taught a previous version of this EECS 398 at Brown (materials at the link below), which I am now updating to work with real mobile manipulation systems

http://browncs148.github.io/