

Fall 2016

Updated April 19 2016

AERO 540 (ME 540) [Bernstein]

AERO 550 (EECS 560) (ME 564) [Gillespie]

EECS 418 (Power Electronics)[Avestruz]

EECS 460 [Meerkov]

EECS 461 [Freudenberg]

EECS 463 [Hiskens]

EECS 560 (AERO 550) (ME 564) [Gillespie]

EECS 566 [Lafortune]

EECS 598-002 [Ozay] Hybrid Systems: Specification, Verification and Control

EECS 598-005 [Mathieu] Electrical Distribution Systems

EECS 598-007 [Hofmann] Advanced Topics in Electrical Drives

EECS 600 (IOE 600) [Bolzano] Function Space Methods in Systems Theory

ME 552 [Awtar] Mechatronics

ME 560 [Stein]

ME 564 (AERO 550)(EECS 560) [Gillespie]

~~ME 565 [Siegel] Battery Systems and Control [moved to Winter Term]~~

ME 568 [Vasudevan] Vehicle Control Systems

ME 569 [Stefanopoulou] Advanced Powertrain Systems and Control

NA 583 [Sun] Adaptive Control

ROB 501 [Grizzle] Mathematics for Robotics***

ROB 550 [Jenkins] Robotics Systems Laboratory

*****Overrides cannot be issued until the incoming Robotics MS and PhD students have had a chance to enroll. Contact the instructor after August 25, 2016. It will likely be the same for ROB 550.**

Interesting IOE courses

IOE 510 - Linear Programming I

IOE 512- Dynamic Programming

IOE 600 (EECS 600) [Bolzano] Function Space Methods in Systems Theory

IOE 610- Linear Programming II

IOE 611- Nonlinear Programming

Remarks: EECS students can take the ME 552 Mechatronics course for EECS credit; already pre-approved. EECS students can also receive EECS credit for the Battery Control course, and probably for the Powertrain Control Course as well; you will need to file a petition. If you are in another department and doing a dual degree with EECS, then the above may not apply to you. As a matter of policy, EECS does not do dual-degrees in control or robotics with departments that offer majors in control or dynamics or mechatronics (e.g., AERO and ME). In those cases, if you do a dual degree with EECS, it needs to be something unique to EECS, such as electronics, signal processing, communications, etc. If you are in NAME or Civil, for example, you do not have a control major, so you can do a dual degree in control with EECS, though you must of course take a certain number of EECS courses....which Grizzle does not know.