

# Fall 2020

## Updated April 13 2020

AEROSP 470 [Bernstein] Control of Aerospace Vehicles  
AEROSP 540 (MECHENG 540) [Gillespie] Intermediate Dynamics  
AEROSP 548 [Cutler] Astrodynamics  
AERO 550 (EECS 560) (ME 564) (CEE 571) [Gillespie] Linear System Theory  
AEROSP 573 [Kolmanovsky] Dynamics and Control of Spacecraft  
AERO 584 [Girard] Navigation and Guidance of Aerospace Vehicles  
AERO 740-001 [Gorodetsky] Inference, Estimation, and Learning

CEE572 [Scruggs] Dynamical Infrastructure Systems  
CEE 571 (EECS 560) (ME 564) (AERO 550) [Gillespie] Linear System Theory

EECS 418 [Avestruz] Power Electronics  
EECS 460 [Seiler] Control system analysis and design  
EECS 461 [Freudenberg] Embedded control  
EECS 463 [Hiskens] Power systems design and operation  
EECS 560 (AERO 550) (ME 564) (CEE 571) [Gillespie] Linear System Theory  
EECS 563 [Ozay] Hybrid Systems: Specification, Verification and Control  
EECS 566 [Lafortune] Discrete Event Systems  
EECS 598-003 [Ying] Reinforcement Learning Theory  
EECS 600 (IOE 600) [Balzano] Function Space Methods in System Theory

ME 461 [Vasudevan] Automatic Control  
ME 540 [Gillespie] Intermediate Dynamics  
ME 560 [Stein] Modeling Dynamical Systems  
ME 564 (AERO 550) (EECS 560) (CEE 571) [Gillespie] Linear System Theory  
ME 569 [Stefanopoulou, van Nieuwstadt] Advanced Powertrain Systems

NAME 583 [Sun] Adaptive Control

ROB 501 [Gregg] Mathematics for Robotics  
ROB 550 [Gaskell] Robotics Systems Laboratory

Interesting IOE courses

IOE 510 - Linear Programming I

IOE 610- Linear Programming II

IOE 611- Nonlinear Programming