Fall 2020
Updated April 2 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 566 [Lafortune] Discrete Event Systems
EECS 598-003 [Ying] Reinforcement Learning Theory
EECS 600 (IOE 600) [Balzano] Function Space Methods in System Theory

MATH 658 [Bloch] Nonlinear Dynamics and Geometric Mechanics

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 550 [Gaskell] Robotics Systems Laboratory
Interesting IOE courses
IOE 510 - Linear Programming I
IOE 610 - Linear Programming II
IOE 611 - Nonlinear Programming