Fall 2019
Updated August 4 2019

AEROSP 470 [Girard] Control of Aerospace Vehicles
AEROSP 540 (MECHENG 540) [Bernstein] Intermediate Dynamics
AEROSP 548 [Cutler] Astrodynamics
AERO 550 (EECS 560) (ME 564) (CEE 571) [Gillespie] Linear System Theory
AERO 584 [Panagou] Navigation and Guidance of Aerospace Vehicles
AERO 740-001 [Kolmanovsky] Model Predictive Control
AERO 740-002 [Gorodetsky] Inference, Estimation, and Learning

CEE572 [Scruggs] Dynamical Infrastructure Systems

EECS 418 [Alvestruz] Power Electronics
EECS 460 [Meerkov] Control system analysis and design
EECS 461 [Freudenberg] Embedded control
EECS 463 [Hiskens] Power systems design and operation
EECS 558 [Anastasopoulos] Stochastic Control
EECS 560 (AERO 550) (ME 564) [Gillespie] Linear System Theory
EECS 567 (ME 567) (ROB 510) [Jenkins] Robot Kinematics and Dynamics
EECS 598-003 [Mathieu] Power systems markets and optimization

ME 461 [Rouse] Automatic Control
ME 540 [Bernstein] Intermediate Dynamics
ME 560 [Stein] Modeling Dynamical Systems
ME 564 (AERO 550) (EECS 560) (CEE 571) [Gillespie] Linear System Theory
ME 567 (EECS 567) (ROB 510) [Jenkins] Robot Kinematics and Dynamics
ME 569 [Stefanopoulou] Advanced Powertrain Systems
ME 599 (ROB 535) (NAME 565) [Johnson-Roberson, Vasudevan] Self-driving cars: Perception and Control

NAME 583 [Sun] Adaptive Control

ROB 501 [TBD] Mathematics for Robotics
ROB 510 (EECS 567) (ME 567) [Jenkins] Robot Kinematics and Dynamics
ROB 535 (ME 599) (NAME 565) [Johnson-Roberson, Vasudevan] Self-driving cars: Perception and Control
ROB 550 [Gaskell] Robotics Systems Laboratory

Interesting IOE courses
IOE 510 - Linear Programming I
IOE 610- Linear Programming II
IOE 611- Nonlinear Programming