

# Fall 2024

## Updated April 18 2024

AEROSP 470 [Kolmanovsky] Control of Aerospace Vehicles – TTh 9-10:30  
AEROSP 540 (MECHENG 540) [Bernstein] Intermediate Dynamics – TTh 9-10:30

AERO 550 (ECE 560) (ME 564) (CEE 571) [Gillespie] Linear System Theory – MWF 4:30-5:30

AERO 567 [Gorodetsky] Inference, Estimation, and Learning – MW 1:30-3

AERO 584 [Falcone] Navigation and Guidance of Aerospace Vehicles – TTh 10:30-12

CEE 571 (ECE 560) (ME 564) (AERO 550) [Gillespie] Linear System Theory – MWF 4:30-5:30

CEE572 [Scruggs] Dynamical Infrastructure Systems – TTh 9-10:30

EECS 460 [Li] Control system analysis and design – MW 1:30-3

EECS 461 [Freudenberg] Embedded control – TTh 12-1:30

EECS 463 [Dvorkin] Power system design and operation – TTh 8:30-10:30

EECS 464 (ROB 464) [Revzen] Hands-on Robotics – TTh 12-1:30

EECS 467 [Berenson] Autonomous Robotics – MW 3-4:30

ECE 534 [Mathieu] Power distribution systems – MW 9-10:30

ECE 560 (AERO 550) (ME 564) (CEE 571) [Gillespie] Linear System Theory – MWF 4:30-5:30

ECE 561 (ME 561) [Vasudevan] Design of Digital Control Systems – TTh 9-10:30

ECE 598-1 [Seiler] Convex Optimization Methods in Control – TTh 3-4:30

ME 540 [Bernstein] Intermediate Dynamics – TTh 9-10:30

ME 542 [Mi] Vehicle Dynamics and Automation – MW 3-4:30

ME 561 (ECE 561) [Vasudevan] Design of Digital Control Systems – TTh 9-10:30

ME 564 (AERO 550) (ECE 560) (CEE 571) [Gillespie] Linear System Theory – MWF 4:30-5:30

ME 599-6 [Vermillion] Applied Optimal Control – MW 10:30-12

NAME 583 [Sun] Adaptive control – MW 1:30-3

NAME 565 (ROB 535) [Ghaffari] Self-driving cars: Perception and Control M – 3-6

ROB 464 (EECS 464) [Revzen] Hands-on Robotics – TTh 12-1:30

ROB 501 [Panagou] Mathematics for Robotics – MW 9-10:30

ROB 543 [Bondi-Kelly] Ethics AI & Robotics MW 12-1:30

ROB 550 [Gaskell/Ding] Robotics Systems Laboratory – TTh 9:30-10:30

ROB 599-3 [Gregg] Robot Control – TTh 10:30-12

ROB 599-5 [Panagou] Multi-Robot Systems – MW 3-4:30

Interesting IOE courses

IOE 510 - Linear Programming I

IOE 610- Linear Programming II

IOE 611- Nonlinear Programming

Note 1: If you would like to get announcements related to control courses, seminars, jobs, etc., you can sign-up to the controls-tea mailing list from MCommunity: <https://mcommunity.umich.edu/#group:Controls%20Tea>

Note 2: ECE 566 (Discrete-Event Systems) will not be offered in F24 but it is scheduled to be offered in F25.