

# Winter 2025

## Updated November 2, 2024

AERO 470 Control of Aerospace Vehicles [Falcone] – TTh 9:00-10:30  
AEROSP 548 Astrodynamics [Bernstein] – TTh 9:00-10:30  
AERO 550 (ECE 560) (ME 564) (CEE 571) Linear System Theory [Li] - MWF 9:30-10:30  
AERO 551 (ECE 562) Nonlinear Systems and Control [Incer] – MW 1:30-3:00

EECS 419 Electric Machines and Drives [Hofmann] – TTh 3:00-4:30  
EECS 460 Control Systems Analysis and Design [Seiler] – TTh 1:30-3:00  
EECS 461 Embedded Control [Cook] – TTh 9:00-10:30  
ECE 560 (AERO 550) (ME 564) (CEE 571) Linear System Theory [Li] – MWF 9:30-10:30  
ECE 562 (AERO 551) Nonlinear Systems and Control [Incer] - TTh 1:30-3:00  
ECE 565 Linear Feedback Control [Freudenberg] - TTh 10:30-12:00  
EECS 567 (ROB 510) (ME 567) Robot Kinematics and Dynamics [Gregg] – TTh 10:30-12:00  
ECE 598 Computational Power Systems [Dvorkin] – F 10:30-1:30

ME 461 Automatic Control [Bruder] -MW 1:30-3:00  
ME548 Applied Nonlinear Dynamics [Epureanu] – TTh 1:30-3:00  
ME 560 Modeling Dynamic Systems [Gonzalez Villasanti] - TTh 9-10:30  
ME 564 (AERO 550) (ECE 560) (CEE 571) Linear System Theory [Li] - MWF 9:30-10:30  
ME 565 Battery Systems and Control [Siegel] – MW 12:00-1:30  
ME 567 (ROB 510) (EECS 567): Robot Kinematics and Dynamics [Gregg] – TTh 10:30-12:00  
ME 568 Vehicle Control Systems [Ersal] - MW 1:30-3:00  
ME 569 Control of Advanced Powertrain Systems [Stefanopoulou] – MW 9-10:30  
ME 599-004 Data-driven Methods for Control Systems [Inyang-Udoh] – TTh 12-1:30

NA 568 Mobile Robotics [Ghaffari] – WF 1:30-3:00

ROB 498-001, 599-001 Robot Learning for Planning and Control [Berenson] – MW 3:00-4:30  
ROB 498-002, 599-002 Autonomous Vehicles [Girard] – MW 9:00-10:30  
ROB 498-007, ROB 598-007 Soft Robotics [Huang] – TTh 10:30-12:00  
ROB 501 Mathematics for Robotics [Ozay] – MW 9:00-10:30  
ROB 510 (ME 567) (EECS 567) Robot Kinematics and Dynamics [Gregg] – TTh 10:30-12:00  
ROB 550 Robotics Systems Laboratory [Gaskell] -TTh 9:30-10:30

Interesting IOE courses

IOE 510 Linear Programming I [Jiang] – TTh 12:00-1:30

IOE 511 Continuous Optimization Methods [Berahas] – TTh 9:00-10:30

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>