Schedule of Classes – Fall 2024 (tentative)

Advanced Energy Technology

- Mech Eng 249 (3 units) – Machine Learning Tools (Python)
- Mech Eng 254 (3 units) - Thermodynamics
- Mech Eng 272 (3 units) – Wildland Fires: Science and Applications

Aerospace Engineering

- Mech Eng C231A / El Eng C220B (3 units)- Experiential Advanced Control Design I
- Mech Eng C232 / El Eng C220A (3 units) - Advanced Control Systems I
- Mech Eng 236U (3 unit) – Dynamics and Control of Autonomous Flight
- Mech Eng 260A (3 units) – Advanced Fluid Mechanics
- Mech Eng 280A (3 units) – Introduction to Finite Elements
- Mech Eng 287 (3 units) – Graduate Introduction to Continuum Mechanics

BioMechanics

- Mech Eng C210 (4 units) – Advanced Orthopedic Biomechanics
- Mech Eng C215 (4 units) – Advanced Structural Aspects of Biomaterials (ONLINE)
- Mech Eng 226L (4 units) – The Science and Engineering of Cooking
- Mech Eng 239 (4 units) – Robotic Locomotion
- Mech Eng C278 (4 units) – Advanced Designing for the Human Body
- Mech Eng 287 (3 units) – Graduate Introduction to Continuum Mechanics
- Mech Eng 292C-001 (3 units)- Human-Centered Design Methods

Control of Robotic and Autonomous Systems (Formerly Experimental Advanced Control Systems Design)

- Mech Eng 206A/EECS C206A (4 units) – Introduction to Robotics **206B not offered in S25*
- Mech Eng C231A / El Eng C220B (3 units)- Experiential Advanced Control Design I
- Mech Eng C232 / El Eng C220A (3 units) - Advanced Control Systems I
- Mech Eng 236U (3 units) – Dynamics and Control of Autonomous Flight
- Mech Eng 276DS – (4 units) – Statistics and Data Science for Engineers (NEW)

Fluids and Ocean

- Mech Eng 242 (3 units) – Ocean-Environment Fluid Mechanics
- Mech Eng 245 (3 units) – Oceanic and Atmospheric Waves
- Mech Eng 260A (3 units) – Advanced Fluid Mechanics

MEMS/Nano

- Mech Eng 219 (3 units)- Introduction to Microelectromechanical Systems
- Mech Eng C231A / El Eng C220B (3 units)- Experiential Advanced Control Design I
- Mech Eng 280A (3 units) - Introduction to the Finite Element Method

Mechanics and Dynamics

- Mech Eng 236U (3 units) – Dynamics and Control of Autonomous Flight
- Mech Eng 280A (3 units) - Introduction to the Finite Element Method
- Mech Eng 287 (3 units) – Graduate Introduction to Continuum Mechanics

Modeling and Simulation of Advanced Manufacturing Processes

- Mech Eng 226 (3 units)- Tribology
- Mech Eng C231A / El Eng C220B (3 units)- Experiential Advanced Control Design I
- Mech Eng 280A (3 units) - Introduction to the Finite Element Method

Product Design

- Mech Eng 226L (4 units) – The Science and Engineering of Cooking
- Mech Eng C231A / El Eng C220B (3 units)- Experiential Advanced Control Design I
- Mech Eng 239 (4 units) – Robotic Locomotion
- Mech Eng C278 (4 units) – Advanced Designing for the Human Body
- Mech Eng 292C (3 units) - Human-Centered Design Methods

Sports Engineering

- Mech Eng C210 (4 units) – Advanced Orthopedic Biomechanics
- Mech Eng C231A / El Eng C220B (3 units)- Experiential Advanced Control Design I
- Mech Eng 239 (4 units) – Robotic Locomotion
- Mech Eng 249 (3 units) – Machine Learning Tools (Python)
- Mech Eng 260A (3 units) – Advanced Fluid Mechanics
- Mech Eng C278 (4 units) – Advanced Designing for the Human Body
- Mech Eng 280A (3 units) - Introduction to the Finite Element Method
- Mech Eng 287 (3 units) – Graduate Introduction to Continuum Mechanics
- Mech Eng 292C (3 units) - Human-Centered Design Methods

Fall 2024 schedule will be published on March 31 at *classes.Berkeley.edu*