Spring 2023 Career Gateway Electives

**Energy Systems Engineering**
ME 363M: Energy Technology and Policy
ME 374F: Fire Science
ME 374T: Renewable Energy Technology
ME 378E: Nanotechnology for Sustainable Energy

**Nuclear & Radiation Engineering**
ME 336P: Concepts in Nuclear & Radiation Engineering
ME 337G: Nuclear Safety & Security
ME 361E: Nuclear Reactor Operations & Engineering

**Advanced Materials Engineering**
ME 359: Materials Selection
ME 378D: Failure Analysis
ME 378Q: Polymer Nanocomposites
ME 379M: Enhance Sustainability Through Tribology

**Dynamic, Vibrations, Acoustics & Controls**
ME 350R: Robot Mechanism Design
ME 355K: Engineering Vibrations
ME 379M: Advanced Vehicle Powertrain Systems & Controls
ME 379N: Engineering Acoustics

**Industrial Engineering & Management**
ME 367S/ORI 367: Simulation Modeling
ME 379M: Data Science for Engineers

**Biomedical & Biomechanical Engineering**
ME 350R: Robot Mechanism Design
ME 379M: Tissue Microenvironments

**Humanitarian Engineering**
ME 363M: Energy Technology and Policy
ME 374T: Renewable Energy Technology
ME 378E: Nanotechnology for Sustainable Energy
ME 379M: Enhance Sustainability Through Tribology

**Automotive & Vehicle Systems Engineering**
ME 355K: Engineering Vibrations
ME 379M: Advanced Vehicle Powertrain Systems & Controls
ME 379M – Connected Autonomous Vehicles
ME 379N: Engineering Acoustics

**Robotics & Mechatronics**
ME 348E/ME 392Q.6: Advanced Mechatronics I
ME 350R: Robot Mechanism Design
ME 355K: Engineering Vibrations
ME 379M: Data Science for Engineers

**Sustainable Engineering**
ME 379M: Enhance Sustainability Through Tribology
ME 363M: Energy Technology and Policy
ME 374T: Renewable Energy Technology

**Design & Manufacturing**
ME 350R: Robot Mechanism Design
ME 355K: Engineering Vibrations
ME 359: Materials Selection
ME 376N: High Throughput Nanopatterning

Updated 10/17/2022