Spring 2024 Career Gateway Electives

Energy Systems Engineering
ME 363M: Energy, Technology, & Policy
ME 374T: Renewable Energy Technology

Nuclear & Radiation Engineering
ME 337G: Nuclear Safety & Security
ME 361E: Nuclear Reactor Operations & Engineering

Advanced Materials Engineering
ME 350: Machine Tool Operations for Engineers
ME 359: Materials Selection
ME 378D: Failure Analysis
ME 378Q: Polymer Nanocomposites

Automotive & Vehicle Systems Engineering
ME 355K: Engineering Vibrations
ME 379M – Connected Auton Electrc Vehcils

Design & Manufacturing
ME 350: Machine Tool Operations for Engineers
ME 350R: Robot Mechanism Design
ME 355K: Engineering Vibrations
ME 359: Materials Selection
ME 376N: High Throughput Nanopatterning

Dynamic, Vibrations, Acoustics & Controls
ME 350R: Robot Mechanism Design
ME 355K: Engineering Vibrations
ME 364D: Intermediate Dynamics

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

Biomedical & Biomechanical Engineering
ME 350R: Robot Mechanism Design

Humanitarian Engineering
ME 363M: Energy, Technology, & Policy
ME 374T: Renewable Energy Technology

Robotics & Mechatronics
REQUIRED ROBOTICS COURSES:
ME 350R: Robot Mechanism Design
REQUIRED MECHATRONICS COURSE:
NO MECHATRONICS CGEs OFFERED FOR SPRING 2024

ELECTIVES (6 hours allowed):
ME 355K: Engineering Vibrations
ME 379M: Data Science for Engineers

Sustainable Engineering
ME 363M: Energy, Technology, & Policy
ME 374T: Renewable Energy Technology

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Complete track lists can be found here: [https://www.me.utexas.edu/academics/undergraduate-program/career-gateway-electives](https://www.me.utexas.edu/academics/undergraduate-program/career-gateway-electives)