

Approved Technical Elective Courses for Mechanical Engineering Majors

AMAR 347	Sustainable Polymer Composites
AMAR 420	Robotics for Advanced Manufacturing
AMAR 451	Quality Management
AMAR 458	Project Management
AMAR 460	Robotic Manufacturing Systems
AMAR 477	Nanoscale Device Manufacturing
CIVL 302W	Engineering Sustainability and Economic Analysis
CIVL 313	Structural Mechanics
CIVL 411	Soil Mechanics and Foundations
CIVL 431	Environmental Engineering
CIVL 461	Water Resources Engineering
EECE 311	Linear Circuits II
EECE 314	Bioinstrumentation
EECE 375	Fields and Waves
EECE 481	Electromechanical Conversion
EECE 565	Bioimaging Systems
EECE 566	Applied Digital Image Processing
MECA 398	Special Topics (for 3 units)
MECA 399	Special Problems (for 3 units)
MECA 470	Robotics Engineering
MECA 486	Motion and Machine Automation
MECA 498	Special Topic (for 3 units)
MECA 499	Special Problems (for 3 units)
MECH 389	Industrial Internship (for 3 units)
MECH 398	Special Topic (for 3 units)
MECH 399	Special Problems (for 3 units)
MECH 408	Modeling and Simulation
MECH 410	Advanced Materials Science and Engineering
MECH 424	Mechanical Vibrations
MECH 430	Nanoscale Science and Engineering
MECH 433	Solar Energy Engineering
MECH 435	Low Speed Aerodynamics
MECH 498	Special Topics (for 3 units)
MECH 499	Special Problems (for 3 units)
MECH 499H	Honors Project

Please contact the MEMM Department Chair for approved upper division CHEM, MATH or PHYS courses.