Approved Technical Elective Courses for Mechatronic Engineering Majors

CIVL 302  Engineering Risk and Economic Analysis
CIVL 321  Fluid Mechanics

EECE 316  Electronics II,
EECE 320  Systems Architecture and Performance
EECE 343  Advanced Logic Design
EECE 365  Signals, Systems, and Transforms
EECE 375  Fields and Waves,
EECE 417  Radio Frequency Circuits
EECE 437  Real-Time Embedded Systems
EECE 450  Optics
EECE 481  Electromechanical Conversion
EECE 483  Power Systems Operation
EECE 484  Power Systems Distribution and Analysis,
EECE 544  Embedded Systems Design
EECE 682  Computer Control of Dynamic Systems

MECH 308  Finite Element Analysis
MECH 332  Thermodynamics
MECH 410  Advanced Materials Science and Engineering
MECH 424  Mechanical Vibrations

SMFG 451  Quality Management
SMFG 458  Project Management