MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for COMPUTER ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing
EEE202	Electronic Circuits
FAC230	Statics and Strength of Materials
MATH330	Numerical Analysis
FAC210	Material Science
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MEC233	Thermodynamics I
MEC317	Machine Elements I
FAC220	Manufacturing Methods
MCT420	System Dynamics and Modelling
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
FAC420	Graduation Project and Thesis
INT001	Summer Internship
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course
SELDEP4	Selective Department Course
SELDEP5	Selective Department Course
SELDEP6	Selective Department Course
SELDEP7	Selective Department Course
SELDEP8	Selective Department Course
SELDEP9	Selective Department Course

MECHATRONICS ENGINEERING MINOR CURRICULUM for COMPUTER ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing
FAC230	Statics and Strength of Materials
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course

MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for INDUSTRIAL ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing
EEE201	Electrical Circuits
EEE202	Electronic Circuits
FAC230	Statics and Strength of Materials
MATH330	Numerical Analysis
FAC210	Material Science
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MEC233	Thermodynamics I
MEC317	Machine Elements I
MCT420	System Dynamics and Modelling
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
FAC420	Graduation Project and Thesis
INT001	Summer Internship
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course
SELDEP4	Selective Department Course
SELDEP5	Selective Department Course
SELDEP6	Selective Department Course
SELDEP7	Selective Department Course
SELDEP8	Selective Department Course
SELDEP9	Selective Department Course

MECHATRONICS ENGINEERING MINOR CURRICULUM for INDUSTRIAL ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing
FAC230	Statics and Strength of Materials
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course

MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for METALLURGICAL AND MATERIALS ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC112	Advanced Programming
EEE201	Electrical Circuits
EEE202	Electronic Circuits
FAC230	Statics and Strength of Materials
MATH330	Numerical Analysis
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MEC233	Thermodynamics I
MEC317	Machine Elements I
MCT420	System Dynamics and Modelling
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
FAC420	Graduation Project and Thesis
INT001	Summer Internship
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course
SELDEP4	Selective Department Course
SELDEP5	Selective Department Course
SELDEP6	Selective Department Course
SELDEP7	Selective Department Course
SELDEP8	Selective Department Course
SELDEP9	Selective Department Course

MECHATRONICS ENGINEERING MINOR CURRICULUM for METALLURGICAL AND MATERIALS ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC112	Advanced Programming
FAC230	Statics and Strength of Materials
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course

MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for NANOTECHNOLOGY ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC112	Advanced Programming
EEE202	Electronic Circuits
FAC230	Statics and Strength of Materials
MATH330	Numerical Analysis
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MEC233	Thermodynamics I
MEC317	Machine Elements I
FAC220	Manufacturing Methods
MCT420	System Dynamics and Modelling
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
FAC420	Graduation Project and Thesis
INT001	Summer Internship
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course
SELDEP4	Selective Department Course
SELDEP5	Selective Department Course
SELDEP6	Selective Department Course
SELDEP7	Selective Department Course
SELDEP8	Selective Department Course
SELDEP9	Selective Department Course

MECHATRONICS ENGINEERING MINOR CURRICULUM for NANOTECHNOLOGY ENGINEERING STUDENTS

Code	Course
MCT110	Introduction to Mechatronics Engineering
FAC112	Advanced Programming
FAC230	Statics and Strength of Materials
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course

MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for SOFTWARE ENGINEERING STUDENTS	
Code	**Course**
MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing
EEE201	Electrical Circuits
EEE202	Electronic Circuits
FAC230	Statics and Strength of Materials
MATH330	Numerical Analysis
FAC210	Material Science
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MEC233	Thermodynamics I
MEC317	Machine Elements I
FAC220	Manufacturing Methods
MCT420	System Dynamics and Modelling
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
FAC420	Graduation Project and Thesis
INT001	Summer Internship
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course
SELDEP4	Selective Department Course
SELDEP5	Selective Department Course
SELDEP6	Selective Department Course
SELDEP7	Selective Department Course
SELDEP8	Selective Department Course
SELDEP9	Selective Department Course

MECHATRONICS ENGINEERING MINOR CURRICULUM for SOFTWARE ENGINEERING STUDENTS	
Code	**Course**
MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing
FAC230	Statics and Strength of Materials
MCT333	Electromechanical Energy Conversion
MEC204	Dynamics
MCT430	Control Systems
MCT417	Introduction to Robotics
MCT419	Mechatronics System Design
SELDEP1	Selective Department Course
SELDEP2	Selective Department Course
SELDEP3	Selective Department Course