

MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for COMPUTER ENGINEERING STUDENTS		MECHATRONICS ENGINEERING MINOR CURRICULUM for COMPUTER ENGINEERING STUDENTS	
Code	Course	Code	Course
MCT110	Introduction to Mechatronics Engineering	MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing	FAC122	Computer Aided Technical Drawing
EEE202	Electronic Circuits	FAC230	Statics and Strength of Materials
FAC230	Statics and Strength of Materials	MCT333	Electromechanical Energy Conversion
MATH330	Numerical Analysis	MEC204	Dynamics
FAC210	Material Science	MCT430	Control Systems
MCT333	Electromechanical Energy Conversion	MCT417	Introduction to Robotics
MEC204	Dynamics	MCT419	Mechatronics System Design
MEC233	Thermodynamics I	SELDEP1	Selective Department Course
MEC317	Machine Elements I	SELDEP2	Selective Department Course
FAC220	Manufacturing Methods	SELDEP3	Selective Department Course
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 DOUBLE MAJOR CURRICULUM for INDUSTRIAL ENGINEERING STUDENTS		MECHATRONICS ENGINEERING MINOR CURRICULUM for INDUSTRIAL ENGINEERING STUDENTS	
Code	Course	Code	Course
MCT110	Introduction to Mechatronics Engineering	MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing	FAC122	Computer Aided Technical Drawing
EEE201	Electrical Circuits	FAC230	Statics and Strength of Materials
EEE202	Electronic Circuits	MCT333	Electromechanical Energy Conversion
FAC230	Statics and Strength of Materials	MEC204	Dynamics
MATH330	Numerical Analysis	MCT430	Control Systems
FAC210	Material Science	MCT417	Introduction to Robotics
MCT333	Electromechanical Energy Conversion	MCT419	Mechatronics System Design
MEC204	Dynamics	SELDEP1	Selective Department Course
MEC233	Thermodynamics I	SELDEP2	Selective Department Course
MEC317	Machine Elements I	SELDEP3	Selective Department Course
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		

M. J. H. K.

**MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM
for METALLURGICAL AND MATERIALS ENGINEERING STUDENTS**

**MECHATRONICS ENGINEERING MINOR 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

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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
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**MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM
for NANOTECHNOLOGY ENGINEERING STUDENTS**

**MECHATRONICS ENGINEERING MINOR 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
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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

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

M. J. AS

MECHATRONICS ENGINEERING DOUBLE MAJOR CURRICULUM for SOFTWARE ENGINEERING STUDENTS		MECHATRONICS ENGINEERING MINOR CURRICULUM for SOFTWARE ENGINEERING STUDENTS	
Code	Course	Code	Course
MCT110	Introduction to Mechatronics Engineering	MCT110	Introduction to Mechatronics Engineering
FAC122	Computer Aided Technical Drawing	FAC122	Computer Aided Technical Drawing
EEE201	Electrical Circuits	FAC230	Statics and Strength of Materials
EEE202	Electronic Circuits	MCT333	Electromechanical Energy Conversion
FAC230	Statics and Strength of Materials	MEC204	Dynamics
MATH330	Numerical Analysis	MCT430	Control Systems
FAC210	Material Science	MCT417	Introduction to Robotics
MCT333	Electromechanical Energy Conversion	MCT419	Mechatronics System Design
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SELDEP4	Selective Department Course		
SELDEP5	Selective Department Course		
SELDEP6	Selective Department Course		
SELDEP7	Selective Department Course		
SELDEP8	Selective Department Course		
SELDEP9	Selective Department Course		

M. R. HS