



Student Progress Tracking Sheet– Academic year 2026/2027: Semester I

DEPARTMENT OF MECHATRONICS

Student name: Student Reg. No:

Date and Place of birth (MM/DD/YY):.....

Department:.....Level of studies:.....

Leave it blank

*** The student should only fill in the passed subjects with the passing grade.**

	COURSE CODE	COURSE NAME	CR	PRE-REQ	R.G	SEM/YEAR	GRADE
PREP	ENGL 1000P	Basic English	1.5	None	C		
	MATH 1000P	Pure mathematics	1.5	None	C		
	CS 1002	Introduction to computing disciplines	1.5	None	C		
	LEAD 1000P	Critical thinking	1.5	None	C		
	CHEM 1000P	Basic chemistry	1.5	None	C		
	ENGR 1000P	Engineering Concepts	1.5	None	C		

	COURSE CODE	Course title	CR	PRE-REQ	R.G	SEM/YEAR	GRADE
FRESH MAN I	ENGL 1101	Composition I & Lab	3	ENGL1000P	B		
	MATH 1113	Pre-Calculus	4	MATH 1000P	B		
	LEAD 1101	Introduction to Leadership	1	LEAD 1000P	C		
	ENGR 1000	Introduction to Engineering	1	ENGR 1000P	B		
	MTRE 1001L	Introduction to Mechatronics Engineering Lab	1	ENGR 1000P	B		
	EE 1010	Introduction to Circuit Analysis	2	ENGR 1000P	B		
	CHEM 1210	Introduction to General Chemistry	3	CHEM 1000P	B		
	EDG 1211	Engineering Graphics	3	ENGR 1000P	B		
	HIST 1111	World Civilization: PRE 1500	3	None	B		
	CS 1003	C-Programming language	3	CS 1002	B		
		Total Credits	24				

	COURSE CODE	COURSE NAME	CR	PRE-REQ	R.G	SEM/YEAR	GRADE
FRESH MAN II	MATH 1190	Calculus I	4	MATH 1113	B		
	ENGL 1102	Composition II & Lab	3	ENGL 1101	B		
	EE 1101	Electrical Circuit Analysis	2	EE 1010	B		
	EE 1101L	Electrical Circuit Analysis lab	1	EE 1010	B		
	ENGL 2100	African Literature	3	ENGL 1101	C		
	ARTS 2000	African Arts and Culture	3	ENGL 1101	C		
	CSE 1301	Programming & Problem solving I	2		B		
	CSE 1301L	Programming & Problem solving I Lab	1		B		
	ECET 1020	Programming for Engineers	2		B		
	CS 1004	Python Programming Language	1		C		
	MTRE 1002	Engineering Clinics I	1	MTRE 1001L	B		
		Total Credits	23				

	COURSE CODE	COURSE NAME	CR	PRE-REQ	R.G	SEM/YEAR	GRADE
SOPHOMORE I	EE 1200	Digital Electronics I	3		B		
	EE 1200L	Digital Electronics I Lab	1		B		
	PHYS 2211	Principles of Physics I	3	MATH 1190	B		
	PHYS 2211L	Principles of Physics I Lab	1	MATH 1190	B		
	STS 2401	Science, Technology and Society	3	ENGL101	C		
	ECON 2106	Principles of Microeconomics	2		C		
	MATH 2202	Calculus II	4	MATH 2201	B		
	EE 2300	Electronics devices and Circuits	3	EE 1101	B		
	EE2300L	Electronics devices and Circuits Lab	1	EE 1101 L	B		
	MTRE 2002	Engineering Clinics II	1	MTRE 1002	B		
		Total Credits	22				

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SOPHO MORE 1I	MATH 2203	Calculus III	4	MATH 2202	B		
	ENGR 2214	Engineering Mechanics Statics	3	PHYS 2211	B		
	MTRE 2110	Electrical Machines	3		B		
	MTRE 2110L	Electrical Machines Lab	1		B		
	PHYS 2212	Principles of Physics II	3	PHYS 2211	B		
	PHYS 2212L	Principles of Physics II Lab	1	PHYS 2211L	B		
	MTRE 2710	Programming for Mechatronics	2	CSE 1301	B		
	MTRE 2710L	Programming for Mechatronics Lab	1	CSE 1301L	B		
	EE 2502	Digital Electronics II & Microprocessors	3	EE1200	B		
	EE 2502L	Digital Electronics II & Microprocessors Lab	1	EE1200L	B		
	CS 2000	Artificial Intelligence	1	CS 1004	C		
	MTRE 2002	Engineering Clinics II	1	MTRE 1002	B		
		Total Credits	24				

	COURSE CODE	COURSE NAME	CR	PRE-REQ	R.G	SEM/YEAR	GRADE
JUNIOR I	LEAD 1102	Leadership	1	LEAD 1101	C		
	MTRE 3720	Introduction to PLCs and Microcontrollers	3	MTRE 2110	B		
	EE 3201	Industrial Electronics and drives	2	EE 2300	B		
	MATH 2306	Ordinary Differential Equations	3	MATH 2254	B		
	ENGR 3122	Engineering Mechanics- Dynamics	3	ENGR 2214, MATH 2202	B		
	MTRE 3610	Modeling and Feedback Control of Dynamic Systems	3	MTRE 2110, MATH 2203	B		
	ENGR 3131	Strength of Materials	3	ENGR 2214	B		
	CS 3302	Machine Learning	3	CS 2000	B		
	CP 3102	Capstone Project-Phase -1	-	-	B		
		Total Credits	21				

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JUNIOR II	MTRE 3720L	Introduction to PLC and Microcontroller Lab	1	MTRE 2110L	B		
	MTRE 3810	Device control and simulation of Mobile Robots	3	MTRE 2710	B		
	MTRE 3810L	Device control and simulation of Mobile Robots Lab	1	MTRE 2710L	B		
	24MRI317	Manufacturing Technology	3		B		
	MATH3260	Linear Algebra	3	MATH2201	B		
	MTRE4007	Industrial automation and IOT and Lab	3		B		
	MTRE4710	Instruments and controls	3	MTRE 3610, MTRE3720	B		
	24MRT205	Fluid mechanics and Thermal Science	3		B		
	EE 3201L	Industrial Electronics and drives Lab	1	EE2300L	B		
		Capstone project -Phase-2	3	-	B		
		Total Credits	24				

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