

INSTITUTE OF MANAGEMENT AND TECHNOLOGY, ENUGU
Mechatronics Engineering Dept

National Diploma 1st Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	GNS 101	Use of English 1	2	Language Studies
2	MTH 112	Algebra and Elementary Trigonometry	2	Statistics
3	COM 101	Introduction to computing	3	Computer Science
4	EEC 115	Electrical Engineering Science 1	3	Electrical Engineering
5	MEC 101	Technical Drawing	4	Mechanical Engineering
6	MEC 111	Mechanical Engineering Science	3	Mechanical Engineering
7	MCE 111	Mechanical Workshop Technology and	4	Mechatronics Engineering
8	MCE 113	Engineering Measurement	5	Mechatronics Engineering
9	MCE 117	Thermo Fluids	4	Mechatronics Engineering

National Diploma 2nd Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	GNS 102	Communication Skill 1	2	Language Studies
2	MTH 211	Calculus	2	Statistics
3	COM 113	Introduction to Computer Programming	2	Computer Science
4	MCE 114	Engine Fuel Supply System	3	Mechatronics Engineering
5	MCE 115	Spark Ignition Engine	3	Mechatronics Engineering
6	MEC 224	Properties of Material	3	Mechatronics Engineering
7	MCE 104	Electronics Devices and Circuit 1	3	Mechatronics Engineering
8	MCE 106	Cooling and Lubrication Systems	4	Mechatronics Engineering
9	MCE108	Automotive Electricity	3	Mechatronics Engineering
10	MCE 110	Fundamentals of Mechatronics 1	3	Mechatronics Engineering
11	MCE 116	Vehicle Ignition System	3	Mechatronics Engineering