

INSTITUTE OF MANAGEMENT AND TECHNOLOGY, ENUGU
Electrical Engineering

National Diploma 1st Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	GNS 101	Use of English	2	
2	MTH 112	Algebra and Elementary Trigonometry	2	
3	SDV 201	Entrepreneurship Development	2	
4	MEC 111	Technical Drawing	1	
5	MEC 112	Basic Workshop Technology and Practice	2	
6	EEC 114	Report Writing	2	
7	EEC 117	Computer Hardware 1	2	
8	EEC 111	Electrical Graphics	2	
9	EEC 115	Electrical Engineering Science 1	2	
10	EEC 112	Introduction to Computer Hardware 1	2	

National Diploma 2nd Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	GNS 102	Communication Skills I	2	Language Studies
2	MTH 211	Calculus	2	Statistics
3	MEC 124	Machine Tools Technology & Practice	2	Mechanical Engineering
4	EEC 122	Electrical Power System I	2	Electrical Electronic
5	EEC 328	Electrical Machine I	2	Electrical Electronic
6	EEC 124	Electronic I	2	Electrical Electronic
7	EEC 125	Electrical Engineering Science	2	Electrical Electronic
8	EEC 126	Electrical and Electronic Instrumentation I	2	Electrical Electronic
9	EEC 128	Telecommunication Engineering I	2	Electrical and Electronic
10	EEC 129	Electrical Installation of Buildings and System	2	Electrical Electronic

Higher National Diploma 1st Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	MTH 311	Advanced Algebra	2	Statistics
2	SDV 210	Business Entrepreneurship	2	Legal Studies
3	EEC 319	Engineer in Society	2	Electrical Electronic
4	EEC 315	Electrical Material Science	3	Electrical Electronic
5	EEP 311	Electrical Measurement and Control	3	Electrical Electronic
6	EEE 313	Electrical Circuit Theory III	2	Electrical Electronic
7	ICT 302	Computer Package	2	Computer Science
8	EEE 314	Analogue Electronic	3	Electrical Electronic

Higher National Diploma 2nd Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	MTH 312	Advanced Calculus	2	Statistics
2	GNS 413	Industrial Management	2	Legal Statistics
3	EEC 324	Testing Method Reliability	2	Electrical Electronic
4	EEC 323	Electrical Circuit Theory IV	3	Electrical Electronic
5	EEP 328	Electrical Design and Drawing I	3	Electrical Electronic
6	EEE 325	Digital Communication I	3	Electrical Electronic
7	EEP 326	Electrical Power Systems III	2	Electrical Electronic
8	EEP 327	Electrical Machines III	3	Electrical Electronic
9	ICT 321	Data Communication and Networking	2	Computer Science
10	EEP 327	Digital Electronic	3	Electrical Electronic