

**INSTITUTE OF MANAGEMENT AND TECHNOLOGY, ENUGU**  
**Mechanical Engineering**

**National Diploma 1st Semester**

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1.	GNS 101	Use of English I (Grammar)	2	Language Studies
2.	GNS 111	Citizenship Education	2	Legal Studies
3.	MTH 122	Algebra and Elementary Trigonometry	3	Statistics
4.	MEC 111	Mechanical Engineering and Science	4	Mechanical Engineering
5.	MEC 112	Technical Drawing	5	Mechanical Engineering
6.	MEC 113	Basic Workshop Technology and Practice	5	Mechanical Engineering
7.	EEC 115	Electrical Engineering Science I	4	Electrical Electronics Engineering
8.	ICT 101	Introduction to Computing	3	Computer Science

**National Diploma 2nd Semester**

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1.	GNS 201	Use of English II Essay and Composition	2	Language Studies
2.	SDV 210	Entrepreneurship Development I	2	Legal Studies
3.	MEC 221	Engineering Graphics	5	Mechanical Engineering
4.	MEC 122	Thermodynamics I	4	Mechanical Engineering
5.	MEC 123	Machine Tools Technology and Practice	6	Mechanical Engineering
6.	MEC 124	Mechanical Eng. Science (Dynamics)	4	Mechanical Engineering
7.	MEC 125	Safety	2	Mechanical Engineering
8.	MTH 211	Calculus	3	Computer Science
				Statistics

**Higher National Diploma 1st Semester**

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	GNS 302	Communication in English III	2	General Studies
2	MTH 311	Advanced Algebra	2	Statistics
3	MEC 311	Engineer in Society	2	Mechanical Engineering
4	SDV 210	Entrepreneurship Development	3	Legal studies
5	MEC 312	Engineering Design	3	Mechanical Engineering
6	MEC 313	Strength of Materials I	3	Mechanical Engineering
7	MEC 314	Instrumentation and Control	3	Mechanical Engineering
8	MEC 315	Mechanics of Machines	4	Mechanical Engineering
9	MEC 316	CAD/CAM	4	Mechanical Engineering
10	ICT 101	Computer Programming	2	Computer Science

**Higher National Diploma 2nd Semester**

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	MEC 317	Technical Report Writing II	2	Mechanical Engineering
2	MTH 312	Advance Calculus	2	Statistics
3	MEC 321	Business Management	2	Mechanical Engineering
4	MEC 322	Strength of Materials II	4	Mechanical Engineering
5	MEC 323	Fluid Mechanics	4	Mechanical Engineering
6	MEM 321	Metal Forming and Heat Treatment	6	Mechanical Engineering
7	MEM 322	Joining and Fabrication Processes	6	Mechanical Engineering
8	MEM 323	Foundry Technology and Practice	4	Mechanical Engineering