

INSTITUTE OF MANAGEMENT AND TECHNOLOGY, ENUGU
Chemical Engineering

National Diploma 1st Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	BPH 111	Basic Physics I Mechanics and Properties of Matter	3	Science Laboratory Technology
2	BCH 111	Basic Chemistry I (General and Physical Chemistry)	3	Science Laboratory Technology
3	STA 111	Introduction to Statistics	2	Statistics
4	MTH 111	Elementary Mathematics I (Algebra and Trigonometry)	3	Statistics
5	CHE 101	Introduction to Chemical Engineering I	3	Chemical Engineering
6	CHE 112	Technical Drawing	2	Chemical Engineering
7	MEC 112	Basic Workshop Practice	3	Mechanical Engineering
8	GNS 101	Use of English I	2	Language Studies
9	GNS 102	Citizenship Education	2	Social Sciences and Humanities
10	ICT 111	Information and Communication Technology	2	Computer Science
11	CHE 106	Plant Maintenance and Services	2	Chemical Engineering

National Diploma 2nd Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	BPH 121	Basic Physics II (Optics, Waves, Electricity and Magnetism)	3	Science Laboratory Technology
2	BCH 121	Basic Chemistry II (Organic and Inorganic Chemistry)	3	Science Laboratory Technology
3	MTH 121	Elementary Mathematics II	3	Statistics
4	ICT 121	Computer Systems and Programming	2	Computer Science
5	GLT 111	General Laboratory Technology (1) Care and Maintenance of Lab Wares and Simple Equipment	2	Science Laboratory Technology
6	CHE 102	Introduction to Chemical Engineering II	2	Chemical Engineering
7	CHE 104	Electrical Engineering Science	3	Chemical Engineering
8	CHE 108	Chemical Engineering Drawing	2	Chemical Engineering
9	GNS 102	Communication in English I	2	Language Studies

Higher National Diploma 1st Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	MTH 311	Advanced Algebra	2	Statistics
2	MTH 312	Advanced Calculus	2	Statistics
3	CHE 301	Engineer in Society	2	Chemical Engineering
4	CHE 303	Unit Operation III	2	Chemical Engineering
5	CHE 305	Chemical Engineering Laboratory III	3	Chemical Engineering
6	CHE 307	Heat Transfer II	2	Chemical Engineering
7	CHE 309	Chemical Engineering Thermodynamics II	2	Chemical Engineering
8	CHE 311	Mass Transfer II	2	Chemical Engineering
9	MTH 313	Engineering Statistics	2	Statistics
10	GNS 301	Use of English II	2	Language Studies

Higher National Diploma 2nd Semester

S/N	Course Code	Course Title	Credit Load	Department Offering Course
1	MTH 321	Advanced Numerical Methods	2	Statistics
2	COM 321	Computer Programming	3	Computer Science
3	GLT 301	Instrumentation	2	Science Laboratory Technology
4	CHE 302	Unit Operations IV	2	Chemical Engineering
5	CHE 304	Fluid Mechanics II	2	Chemical Engineering
6	CHE 306	Chemical Reaction Engineering II	2	Chemical Engineering
7	CHE 308	Chemical Engineering Lab. IV	3	Chemical Engineering
8	CHE 310	Polymer Science and Technology	2	Chemical Engineering
9	CHE 312	Strength of Materials	2	Chemical Engineering
10	GNS 302	Communication in English	2	Language Studies