



Ibri College of Technology
Oil and Gas Engineering

Certificate Year
Semester 1

Course Code	Subject	Credit Hours
ENTW 1100	Technical Writing I	3
MATH 1100	College Algebra	3
ITSE 1100	Information Systems and Multimedia	3
CECE 1100	Engineering Graphics	3
CHEM 1101	Fundamental of Chemistry	3
		15

Semester 2

Course Code	Subject	Credit Hours
ENTW 1200	Technical Writing II	3
MATH 1200	Calculus I	3
PHYS 1200	Physics I	3
EEPW 1206	Engineering Workshop	3
EECP 1207	Computer Programming for Engineering	3
		15

Summer Session 1

Course Code	Subject	Credit Hours
ENGL 1208	Physics II	3
BAEC 1204	Job Search Techniques	3
		6

Enhancement/ Practical Training
6- 12 weeks

Diploma Year Semester 1

Course Code	Subject	Credit Hours
MIOG 2110	Applied Mechanics I	3
MIEE 2110	Engineering Materials	3
MIOG 2130	Electrical Technology	3
ENGL 2100	Technical Communication	3
MIME 2140	Introduction to Petroleum Engineering	3
MIME 2150	Health Safety Environment	3
		18

Semester 2

Course Code	Subject	Credit Hours
MIOG 2220	Well Drilling Operations	3
MIOG 2230	Natural Gas Technology & Processing	3
MIOG 2240	Petroleum Production Technology & Separation Processes	3
MIME 2270	Plant Surface Equipment. Measurement & Processes	3
MIOG 2280	Plant Rotating Equipment	3
PHIL 2200	Formal Logic	3
		18

Summer Session 1

Course Code	Subject	Credit Hours
MIOG 2350	Workshop Practice (Mechanical)**	3
	Workshop Practice (Electrical)**	
	Workshop Practice (Instrumentation)**	
MIOG 2350	Diploma Project	3
PHIL 2108	Business Ethics	3
		9

On-Job- Training
8 weeks

Enhancement/ Practical Training
6- 12 weeks

Each student has to select only one of these courses **