

DEGREE AUDIT

Department of Engineering

Degree : **Certificate**
Major : **Engineering (General)**

General Requirements – Compulsory

Student has to study ALL of the following Course/s (5 Credit Hours – 3 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Semester	Pre Requisite
ENGL1100	Advanced Writing	1	D	1	1	1	-
ITSE1100	Information Systems and Multimedia	3	D	1	1	1	KB
ENGL1200	Advanced Writing II	1	D	1	1	2	ENGL1100
TOTAL		5					

Departmental Requirements – Compulsory

Student has to study ALL of the following Course/s (28 Credit Hours – 8 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Semester	Pre Requisite
EEPW1140	Engineering Workshop	3	C-	1.7	1	1	-
MATH1100	College Algebra	3	C-	1.7	1	1	PA
CECE1200	Engineering Graphics	4	C-	1.7	1	2	MATH1100, ITSE11000
MATH1200	Calculus	4	C-	1.7	1	2	MATH1100
PHYS1200	Physics I	4	C-	1.7	1	2	MATH1100
ASAC1101	Fundamentals of Chemistry	3	C-	1.7	1	3	-
EECP1290	Computer Programming for Engineering	3	C-	1.7	1	3	ITSE1100
PHYS1210	Physics II	4	C-	1.7	1	3	PHYS1200
ENHTCE	Certificate Enhancement Training	-	PASS	-	1	4	-
TOTAL		28					

Total Credit Hours : **33**

Total Courses : **11**

DEGREE AUDIT

Department of Engineering

Degree : **Diploma**
Major : **Oil and Gas**

General Requirements – Compulsory

Student has to study ALL of the following Course/s (10 Credit Hours – 4 Course/s)

Course Code	Course Title	CRHRS	Pass Grade	Contact Hours		Year	Sem	Pre Requisite
				T*	P*			
ENGL2100	Technical Communication	3	D	4		2	1	ENGL1200
PHIL2200	Formal Logic	3	D	3		2	1	
BACO2212	Job Search Techniques	1	D	2		2	3	-
PHIL2208	Business Ethics	3	D	3		2	3	-
TOTAL		10		12				

Departmental Requirements – Compulsory

Student has to study ALL of the following Course/s (3 Credit Hours – 1 Course/s)

Course Code	Course Title	CRHRS	Pass Grade	Contact Hours		Year	Sem	Pre Requisite
				T*	P*			
CEED2200	On-the-job Training I	3	PASS		35	2	3	-
TOTAL		3			35			

DEGREE AUDIT

Department of Engineering

Degree : **Diploma**
Major : **Oil and Gas**

Major Requirements – Compulsory

Student has to study ALL of the following Course/s (28 Credit Hours – 10 Course/s)

Course Code	Course Title	CRHRS	Pass Grade	Contact Hours		Year	Sem	Pre Requisite
				T*	P*			
MIOG2110	Fluid Mechanics	3	C	2	2	2	1	MATH1200, ASAC1101, PHYS1210
MIOG2120	Electrical Technology	3	C	2	2	2	1	PHYS1210
MIOG2130	Instrumentation and Control	4	C	3	2	2	1	-
MIOG2140	Introduction to Petroleum Engineering	2	C	2	-	2	2	-
MIOG2210	Health Safety Environment	3	C	3	-	2	2	ASAC1101, PHYS1210, MIOG2120
MIOG2220	Basics of Drilling Engineering	3	C	2	2	2	2	ASAC1101, MIOG2110-
MIOG2230	Natural Gas Technology	2	C	2	-	2	2	-
MIOG2240	Petroleum Production Technology	2	C	2	-	2	2	MIOG2110
MIOG2210	Workshop Practice (Mech., Elect., Instrument)	3	C	-	6	2	3	EEPW1140
MIOG2260	Project 1	3	C	1	4	2	3	-
TOTAL		28		19	18			

Training for All Department Students Leaving the Level

Student leaving this level has to complete the following training from 6 to 12 weeks

Course Code	Course Title	CRHRS	Pass Grade	Contact Hours		Year	Sem	Pre Requisite
				T*	P*			
ENHTDE	Diploma Enhancement Training	-	PASS	5	20	2	4	-
TOTAL		0		5	20			

Total Credit Hours : **41**

Total Courses : **15**