

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 : **Mechanical Engineering**

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/Pnt		Year	Sem	Pre Requisite
ENGL2100	Technical Communication	3	D	1.0	2	1	ENGL1200
PHIL2200	Formal Logic	3	D	1.0	2	1	ENGL1200
BACO2212	Job Search Techniques	1	D	1.0	2	2	-
PHIL2208	Business Ethics	3	D	1.0	2	2	-
TOTAL		10					

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/Pnt		Year	Sem	Pre Requisite
MIME2200	On-the-job Training I	3	PASS	-	2	3	-
ENHTDE	Diploma Enhancement Training	-	PASS	-	2	4	-
TOTAL		3					

Major Requirements – Compulsory

Student has to study ALL of the following Course/s (22 Credit Hours – 7 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Sem	Pre Requisite
MIEE2110	Engineering Instrumentation and Industrial Co	3	C	2.0	2	1	PHYS1210
MIME2101	Applied Mechanics	4	C	2.0	2	1	PHYS1210
MIME2120	Engineering Materials and Manufacturing Procedures	3	C	2.0	2	1	PHYS1210
MIME2240	Manufacturing Operation Management	3	C	2.0	2	2	-
MIME2210	Electrical Technology	3	C	2.0	2	2	PHYS1210
MIME2230	Workshop Technology	3	C	2.0	2	2	EEPW1140
MIME2250	Final Year Project 1	3	C	2.0	2	3	-
TOTAL		22					

Total Credit Hours : **35**

Total Courses : **12**

DEGREE AUDIT

Department of Engineering

Degree : **Higher Diploma**
Major : **Mechanical Engineering**

General Requirements – Compulsory

Student has to study ALL of the following Course/s (5 Credit Hours – 2 Course/s)

Course Code	Course Title	CRHRS	Pass/ Grade/ Pnt		Year	Sem	Pre Requisite
ENGL3100	Public Speaking	3	D	1.0	3	3	-
PHIL3200	Formal Arabic Communication	2	D	1.0	3	3	-
TOTAL		5					

Departmental Requirements – Compulsory

Student has to study ALL of the following Course/s (10 Credit Hours – 3 Course/s)

Course Code	Course Title	CRHRS	Pass/ Grade/ Pnt		Year	Sem	Pre Requisite
MATH2100	Calculus II	4	C-	1.7	3	1	MATH3100
MATH3101	Probability and Statistics	3	C-	1.7	3	1	MATH1100
MIME3200	On-the-job Training 2	3	PASS	-	3	2	-
TOTAL		7					

Major Requirements – Compulsory

Student has to study ALL of the following Course/s (18 Credit Hours – 6 Course/s)

Course Code	Course Title	CRHRS	Pass/ Grade/ Pnt		Year	Sem	Pre Requisite
MIME3242	Industrial Management	3	C	2.0	3	2	MIEE2240
MIME3130	Mechanics of Materials	3	C	2.0	3	2	MIME2120
MIME3140	Fluid Mechanic I	3	C	2.0	3	2	PHYS1210, MATH2100
MIME3210	Thermodynamics I	3	C	2.0	3	2	PHYS1210
MIME3240	Fluid Mechanics II	3	C	2.0	3	2	MIME3140
MIME3250	Final Year Project 2	3	C	2.0	3	2	MIME2250
TOTAL		21					

Total Credit Hours : **33**

Total Courses : **11**