

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 : **Computer 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 (7 Credit Hours – 2 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Sem	Pre Requisite
MATH2100	Calculus II	4	C	1.7	2	1	MATH1200
EECP2297	On-the-job Training I	3	PASS	-	2	3	-
ENHTDE	Diploma Enhancement Training	-	PASS	-	2	4	-
TOTAL		7					

Major Requirements – Compulsory

Student has to study ALL of the following Course/s (18 Credit Hours – 7 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Sem	Pre Requisite
EEPW2150	Electrical Principles	3	C	2.0	2	1	PHYS1210
EECP2191	Operating Systems	3	C	2.0	2	2	EECP1290
EECP2270	Digital Electronics	3	C	2.0	2	2	EEPW2150
EECP2280	Data Structure and Algorithms	3	C	2.0	2	2	-
EETE2200	Electronic Skills	3	C	2.0	2	2	EEPW2150
EECP2299	Final Year Project I	3	C	2.0	2	3	-
TOTAL		18					

Total Credit Hours : **35**

Total Courses : **12**

DEGREE AUDIT

Department of Engineering

Degree : **Higher Diploma**
Major : **Computer 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 (7 Credit Hours – 2 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Sem	Pre Requisite
MATH3120	Engineering Mathematics	4	C-	1.7	3	1	MATH3100
EETE3297	On-the-job Training 2	3	PASS	-	3	4	-
TOTAL		7					

Major Requirements – Compulsory

Student has to study ALL of the following Course/s (21 Credit Hours – 7 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Sem	Pre Requisite
EECP3180	Computer Networks	3	C	2.0	3	1	EECP1290
EETE3102	Electronics	3	C	2.0	3	1	EETW2150
EECP3281	Unix System Administration (Linux)	3	C	2.0	3	2	EECP3180
EECP3283	Computer Organization and Architecture	3	C	2.0	3	2	EECP3171
EETE3220	Digital Signal Processing	3	C	2.0	3	2	MATH3120
EECP3171	Microprocessor System & Interfacing	3	C	2.0	3	3	EECP2270
EETE3299	Final Year Project 2	3	C	2.0	3	3	-
TOTAL		21					

Total Credit Hours : **33**

Total Courses : **11**