

# DEGREE AUDIT

## Department of Engineering

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

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### 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** : **Electrical Power Technology**

### 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
EETE2297	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 – 6 Course/s)

Course Code	Course Title	CRHRS	Pass/Grade/Pnt		Year	Sem	Pre Requisite
EEPW2150	Electrical Principles	3	C	2.0	2	1	PHYS1210
EECP2270	Digital Electronics	3	C	2.0	2	2	EEPW2150
EEPW2141	Electrical Skills	3	C	2.0	2	2	EEPW2150
EETE2210	Telecommunication I	3	C	2.0	2	2	EEPW2150
EEPW2251	Electrical Power Technology	3	C	2.0	2	3	EEPW2150
EEPW2299	Final Year Project 1	3	C	2.0	2	3	-
TOTAL		18					

**Total Credit Hours** : **35**

**Total Courses** : **12**

# DEGREE AUDIT

## Department of Engineering

**Degree** : **Higher Diploma**  
**Major** : **Electrical Power Technology**

### 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	-
<b>TOTAL</b>		<b>5</b>					

### 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	-
<b>TOTAL</b>		<b>7</b>					

### 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
EEPW3142	Electrical Insulation and Wiring Design	3	C	2.0	3	1	EEPW2141
EEPW3152	Power System Analysis	3	C	2.0	3	1	EEPW2252
EETE3120	Electronics	3	C	2.0	3	1	EEPW2150
EEPW3257	Power Electronics	3	C	2.0	3	2	EETE3102
EEPW3258	Machines and Drives	3	C	2.0	3	2	EEPW3257
EETE3299	Final Year Project 2	3	C	2.0	3	3	-
<b>TOTAL</b>		<b>18</b>					

# DEGREE AUDIT

## Department of Engineering

**Degree** : **Higher Diploma**  
**Major** : **Electrical Power Technology**

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### Major Electives

Student has to select 3 Credit Hours (1Course/s) from the following course

Course Code	Course Title	CRHRS	Pass/ Grade/ Pnt		Year	Sem	Pre Requisite
EECP2280	Data Structure and Algorithms	3	C	2.0	3	2	-
EECP3171	Microprocessor System and Interfacing	3	C	2.0	3	2	EECP2270
MIE4212	Robotics and Animation	3	C	2.0	3	2	MIE4213
<b>TOTAL</b>		<b>9</b>					

**Total Credit Hours** : **33**

**Total Courses** : **11**