

DEGREE AUDIT

Department of Information Technology

Qualification : **Certificate (39 Credits)**
Specialization : **Information Technology**

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Orig. Credit Hours	New Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester
ENGL1100	Advance Writing	FP Level 4		D	3	3	2	2	4	First
MATH1100	College Algebra	Pre Algebra		C-	3	3	0	6	6	
ITSE1100	Information Systems and Multimedia	Keyboard Skills		D	3	3	1	4	5	
ITSE1101	Computer Hardware	-		C	3	3	1	4	5	
ITDB1102	Introduction to Database	-		C	3	3	1	4	5	
TOTAL					15	15	7	16	23	
ITNT1103	Introduction to Programming C	-		C	3	3	1	4	5	Second
ITDB1204	Applied Database	ITDB1102		C	3	3	1	4	5	
ENGL1200	Advance Writing II	ENGL1100		D	1	3	2	2	4	
MATH1201	Managerial Statistics	MATH1100		C-	3	3	2	2	4	
ITSE1204	Introduction to Networking	ITNT1103		C	3	3	1	4	5	
TOTAL					13	15	7	16	23	
ITSE1203	Web Design and Development	-		C	3	3	0	6	6	Summer
ITSE1202	Introduction to Operating System	-		C	3	3	1	4	5	
BACO2212	Job Search Techniques	-		D	1	3	1	4	5	
TOTAL					7	9	2	14	16	

Enhancement/Practical : **6 – 12 Weeks**

Passing Grades

College Requirement Courses : D
 Departmental Requirement Courses : C-
 Specialization Requirement Courses : C

Theory : **26 %**
Practical : **74 %**

DEGREE AUDIT

Department of Information Technology

Qualification : **Diploma (36 Credits)**
Specialization : **Information Technology**

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Orig. Credit Hours	New Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester	
ENGL2100	Advanced Writing	ENGL1200		D	3	3	2	2	4	First	
MATH1200	Calculus I	MATH1100		C-	3	3	2	2	4		
ITSE2100	Object Oriented Programming I (Java)	ITSE1101		C	3	3	1	4	5		
ITDB2101	System Analysis and Design	ITDB1102		C	3	3	2	2	4		
ITNT2201	Principles of Data Telecommunication	ITNT1204		C	3	3	1	4	5		
TOTAL							15	15	8	14	22
ITSE2102	Introduction to Software Engineering	ITDB2101		C	3	3	2	2	4	Second	
ITPJ2202	Course Project	-		C	3	3	0	6	6		
BAMG1100	Introduction to Business	-		D	3	3	2	2	4		
MATH3103	Math II	MATH1200		C-	3	3	2	2	4		
PHIL3108	Business Ethics	-		D	3	3	2	2	4		
TOTAL							15	15	8	14	22
PHIL2200	Formal Logic	ENGL1200		D	3	3	3	0	3	Sum	
BAEB2203	E-Commerce	ITSE1203		C-	3	3	2	2	4		
TOTAL							6	6	5	2	7

On-the-job Training : **8 Weeks**
Enhancement/Practical : **6 – 12 Weeks**

Passing Grades

College Requirement Courses : D
 Departmental Requirement Courses : C-
 Specialization Requirement Courses : C

Theory : **41 %**
Practical : **59 %**

DEGREE AUDIT

Department of Information Technology

Qualification : Higher Diploma (36 Credits)
Specialization : Software Engineering

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Orig. Credit Hours	New Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester
ENGL3100	Public Speaking	ENGL2100		D	3	3	2	2	4	First
MATH2200	Discrete Structure	MATH1200		C-	3	3	2	2	4	
ITSE3101	Data Structure and Algorithms (C++)	ITSE2100		C	3	3	1	4	5	
ITSE3112	Computer Graphics	ITSE2100		C	3	3	2	2	4	
PHIL3200	Formal Arabic Communication	-		D	2	3	2	2	4	
TOTAL					14	15	9	12	21	
BAEC1203	Principles of Microeconomics	BAMG1100		D	3	3	2	2	4	Second
ITSE3102	Introduction to Artificial Intelligence	ITSE3101		C	3	3	2	2	4	
ITSE3204	Course Project	-		C	3	3	0	6	6	
ITSE3113	Programming Language Concepts	ITSE3101		C	3	3	2	2	4	
ITSE3200	Object Oriented Analysis and Design II	ITSE3101		C	3	3	1	4	5	
TOTAL					15	15	7	16	23	
ITSE3103	Advanced Operating Systems	ITSE1202		C	3	3	2	2	4	Sum
ITSE3114	Introduction to the Analysis of Algorithms	ITSE3101 MATH2200		C	3	3	3	0	3	
TOTAL					6	6	5	2	7	

On-the-job Training : 8 Weeks
Enhancement/Practical : 6 – 12 Weeks

Passing Grades

College Requirement Courses : D
 Departmental Requirement Courses : C-
 Specialization Requirement Courses : C

Theory : 41 %
Practical : 59 %

DEGREE AUDIT

Department of Information Technology

Qualification : **Higher Diploma (36 Credits)**
Specialization : **Database**

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Orig. Credit Hours	New Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester	
ENGL3100	Public Speaking	ENGL2100		D	3	3	2	2	4	First	
MATH2200	Discrete Structure	MATH1200		C-	3	3	2	2	4		
ITSE3101	Data Structure and Algorithms (C++)	ITSE2100		C	3	3	1	4	5		
ITDB3112	Web Database Connectivity Using Java Server Page	-		C	3	3	1	4	5		
ITDB3208	SQL : Concept and Syntax	ITDB1102		C	3	3	1	4	5		
TOTAL						15	15	7	16	23	
BAEC1203	Principles of Microeconomics	BAMG1100		D	3	3	2	2	4	Second	
PHIL3200	Formal Arabic Communication	-		D	2	3	2	2	4		
ITDB3100	Log. Analysis and Prob. Solv. Prog.	ITSE2100 ITDB2101		C	3	3	1	4	5		
ITDB3111	Project Management	-		C	3	3	2	2	4		
ITNT3204	Course Project	-		C	3	3	0	6	6		
TOTAL						14	15	7	16	23	
ITDB3101	Database Application Development	ITDB2101		C	3	3	1	4	5	Sum	
ITDB3108	Data Modeling	ITDB3100		C	3	3	2	2	4		
TOTAL						6	6	3	6	9	

On-the-job Training : **8 Weeks**
Enhancement/Practical : **6 – 12 Weeks**

Passing Grades

College Requirement Courses : D
 Departmental Requirement Courses : C-
 Specialization Requirement Courses : C

Theory : **31 %**
Practical : **69 %**

DEGREE AUDIT

Department of Information Technology

Qualification : **Higher Diploma (36 Credits)**
Specialization : **Networking**

Course Code	Course Title	Pre-Requisites	Co-Requisites	Passing Grade	Orig. Credit Hours	New Credit Hours	Theory Hours	Practical Hours	Contact Hours	Semester	
ENGL3100	Public Speaking	ENGL2100		D	3	3	2	2	4	First	
MATH2200	Discrete Structure	MATH1200		C-	3	3	2	2	4		
ITNT3111	Client – Server Computing	ITSE2100		C	3	3	1	4	5		
ITNT3103	Networking II - Design and Routing Protocols	ITNT1204		C	3	3	1	4	5		
PHIL3200	Formal Arabic Communication	-		D	2	3	2	2	4		
TOTAL						14	15	9	12	21	
BAEC1203	Principles of Microeconomics	BAMG1100		D	3	3	2	2	4	Second	
ITNT3102	Logic Design	MATH2200		C	3	3	2	2	4		
ITNT3203	Networking III – LAN Design Protocols	ITNT3103		C	3	3	1	4	5		
ITNT3104	Course Project	-		C	3	3	0	6	6		
ITNT3202	Computer System Design and Architecture	ITNT3102		C	3	3	2	2	4		
TOTAL						15	15	7	16	23	
ITNT3113	Advanced Computer System Design Architecture	ITNT3202		C	3	3	2	2	4	Sum	
ITNT3112	Network Security and Auditing	ITNT3203		C	3	3	2	2	4		
TOTAL						6	6	4	4	8	

On-the-job Training : **8 Weeks**
Enhancement/Practical : **6 – 12 Weeks**

Passing Grades

College Requirement Courses : D
 Departmental Requirement Courses : C-
 Specialization Requirement Courses : C

Theory : **36 %**
Practical : **64 %**

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**

DEGREE AUDIT

Department of Engineering

Degree : **Diploma**
Major : **Electronics and Communications**

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
EETE2200	Electronic Skills	3	C	2.0	2	2	EEPW2150
EETE2210	Telecommunication I	3	C	2.0	2	2	EEPW2150
EETE2201	Cable and Fiber Splicing	3	C	2.0	2	3	EETE2210
EETE2299	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 : **Electronics and Communications**

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
EECP3171	Microprocessor System & Interfacing	3	C	2.0	3	1	EECP2270
EECP3180	Computer Networks	3	C	2.0	3	1	EECP1290
EETE3102	Electronics	3	C	2.0	3	1	ECPW2150
EECP3281	Unix System Administration (Linux)	3	C	2.0	3	2	EECP3180
EETE3211	Telecommunications 2	3	C	2.0	3	2	MATH3120
EETE3220	Digital Signal Processing	3	C	2.0	3	2	MATH3120
EETE3299	Final Year Project 2	3	C	2.0	3	3	-
TOTAL		21					

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	-
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 (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	-
TOTAL		18					

DEGREE AUDIT

Department of Engineering

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

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
TOTAL		9					

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**

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**

DEGREE AUDIT NEW

Department of Business Studies

Degree : **Certificate**

Semester I **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG1100	Introduction to Business	Dept. Requirements	3	2	2	60
BAMA1101	Business Mathematics	Dept. Requirements	3	2	2	60
BAAC1102	Principles of Accounting	Dept. Requirements	3	1	4	60
ENTW1100	Technical Writing I	College Requirements	3	2	2	55
ITSE1100	Information System Multimedia	College Requirements	3	0	6	55
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
ENTW1200	Technical Writing II	College Requirements	3	2	2	55
BAMK1205	Principles of Marketing	Dept. Requirements	3	2	2	60
BAMG1207	Principles of Management	Dept. Requirements	3	2	2	60
BAEC1203	Principles of Microeconomics	Dept. Requirements	3	2	2	60
BAST1206	Managerial Statistics	Dept. Requirements	3	2	2	60
Total Semester Credit Hours			15			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
ENGL2108	Business Communication	Dept. Requirements	3	3	0	60
BACO1212	Job Search Techniques	College Requirements	3	1	4	60
Total Semester Credit Hours			6			

DEGREE AUDIT

Department of Engineering

Degree : **Diploma**
Major : **Mechatronics Engineering**
Section : **Mechanical and Industrial Engineering**

Course Code	Course Title	Required by	Pre-Requisites	Co-Requisites	Passing Grade	Passing Mark %	Credit Hours	Contact Hours	
								Theory Hours	Practical Hours
SEMESTER I									
ENGL 2100	TECHNICAL COMMUNICATION	COLLEGE	ENTW 1200	NONE	D	55	3	2	2
MIME 2101	ENGINEERING MECHANICS	SPECIALZ	PHYS 1200	NONE	C	67	3	2	2
MIEE 2102	BASICS OF ELECTRICAL ENGINEERING	SPECIALZ	PYHS 1210	NONE	C	67	3	1	4
MATH 2100	CALCULUS II	DEPT	MATH 1200	NONE	C-	60	3	3	0
MIME 2110	FLUID MECHANICS	SPECIALZ	PHYS 1200	NONE	C	67	3	2	2
Total							15	10	10
SEMESTER II									
MIMT 2201	BASICS OF MECHATRONICS ENGINEERING	SPECIALZ	PHYS 1210 MIEE 2102	NONE	C	67	3	2	2
MIMT 2202	INSTRUMENTATION SYSTEMS AND CONTROLS	SPECIALZ	PHYS 1210 MIEE 2102	NONE	C	67	3	1	4
MIME 2203	STRENGTH OF MATERIALS	SPECIALZ	MIME 2101	NONE	C	67	3	1	4
MIME 2204	ENGINEERING MATERIALS	SPECIALZ	PYHS 1200 CHEM 1101	NONE	C	67	3	2	2
PHIL 2200	FORMAL LOGIC	COLLEGE	ENTW 1200	NONE	D	55	3	3	0
Total							15	9	12
SUMMER TERM									
MIMT 2301	DIPLOMA PROJECT	SPECIALZ	MIMT 2201 MIMT 2202	NONE	C	67	3	0	6
PHIL 2108	BUSINESS ETHICS	COLLEGE	NONE	NONE	D	55	3	2	2
Total							6	2	8
Overall Total							36	21	30

ON JOB TRAINING : 8 WEEKS

ENHANCEMENT / PRACTICAL TRAINING : 6-12 WEEKS

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Certificate**

Semester I **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG1100	Introduction to Business	Dept. Requirements	3	2	2	60
BAMA1101	Business Mathematics	Dept. Requirements	3	2	2	60
BAAC1102	Principles of Accounting	Dept. Requirements	3	1	4	60
ENGL1100	Advanced Writing I	College Requirements	1	2	1	55
ITSE1100	Information System Multimedia	College Requirements	3	0	6	55
Total Semester Credit Hours			13			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
ENGL1200	Advanced Writing II	College Requirements	1	3	0	55
BAMK1205	Principles of Marketing	Dept. Requirements	3	2	2	60
BAMG1207	Principles of Management	Dept. Requirements	3	2	2	60
BAEC1203	Principles of Microeconomics	Dept. Requirements	3	2	2	60
BAST1206	Managerial Statistics	Dept. Requirements	3	2	2	60
Total Semester Credit Hours			13			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
ENGL2108	Business Communication	Dept. Requirements	3	3	0	60
BAEC1212	Principles of Macroeconomics	College Requirements	3	3	0	60
Total Semester Credit Hours			6			

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Diploma**
Specialization : **Office Management**

Semester 1 **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG2111	Entrepreneurship	Dept. Requirements	3	3	0	60
BAFI2109	Financial Management	Dept. Requirements	3	3	0	60
BAHR2100	Organizational Behavior	Major Requirements	3	3	0	67
BAOM2101	Electronic Office Management	Major Requirements	3	3	0	67
BAOM2100	Office Management	Major Requirements	3	3	0	67
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAFI2210	Financial Institutions and Services	Dept. Requirements	3	3	0	60
PHIL3108	Business Ethics	College Requirements	3	3	0	55
PHIL2200	Formal Logic	College Requirements	3	3	0	55
BAOM2203	Document Formatting	Major Requirements	3	3	0	67
BAOM2204	Record Management	Major Requirements	3	3	0	67
Total Semester Credit Hours			15			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BACO2212	Job Search Techniques	College Requirements	1	1	0	55
BADB2301	Database for Small Business	Dept. Requirements	3	3	0	55
Total Semester Credit Hours			4			

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Higher Diploma**
Specialization : **Office Management**

Semester 1 **College Elective Hrs.: 3** **Dept. Elective Hrs : 3** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMA3113	Research Methodology	Major Requirements	3	3	0	67
BAOM3105	Public Relations	Major Requirements	3	3	0	67
BAHR3100	Human Resource Management	Major Elective	3	0	3	67
BAOM3106	Professional Profile	Major Requirements	3	3	0	67
BAEB2203	E-Commerce	College Elective	3	3	0	60
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PHIL3200	Formal Arabic Communication	College Requirements	2	3	0	55
ENGL3100	Public Speaking	College Requirements	3	2	2	55
BAHR3102	Total Quality Management	Major Requirements	3	3	0	67
BAOM3208	Specialized Software Application	Major Requirements	3	0	3	67
BAOM3207	Office System Supervision	Major Requirements	3	3	0	67
Total Semester Credit Hours			14			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG3312	Teamwork Management	Major Requirement	3	3	0	67
BAPR3311	Senior Project	Major Requirement	3	3	0	67
Total Semester Credit Hours			6			

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Diploma**
Specialization : **Human Resource**

Semester 1 **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG2111	Entrepreneurship	Dept. Requirements	3	3	0	60
BAFI2109	Financial Management	Dept. Requirements	3	3	0	60
BAHR2100	Organizational Behavior	Major Requirements	3	3	0	67
BAHR2102	Psychology at Work	Major Requirements	3	3	0	67
BAHR2101	Human Resource Management	Major Requirements	3	3	0	67
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAFI2210	Financial Institutions and Services	Dept. Requirements	3	3	0	60
PHIL3108	Business Ethics	College Requirements	3	3	0	55
PHIL2200	Formal Logic	College Requirements	3	3	0	55
BAHR2203	Recruitment and Selection	Major Requirements	3	3	0	67
BAHR2204	Compensation and Benefits	Major Requirements	3	3	0	67
Total Semester Credit Hours			15			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BACO2212	Job Search Techniques	College Requirements	1	1	0	55
BADB2301	Database for Small Business	Dept. Requirements	3	3	0	55
Total Semester Credit Hours			4			

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Higher Diploma**
Specialization : **Human Resource**

Semester 1 **College Elective Hrs.: 3** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMA3113	Research Methodology	Major Requirements	3	3	0	67
BAHR3105	Human Resource Information System	Major Requirements	3	3	0	67
BAHR3106	Training and Development	Major Requirements	3	3	0	67
BAHR3101	Managing Troubled Employees	Major Requirements	3	3	0	67
BAEB2203	E-Commerce	College Elective	3	3	0	60
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs : 3** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PHIL3200	Formal Arabic Communication	College Requirements	2	3	0	55
ENGL3100	Public Speaking	College Requirements	3	2	2	55
BAHR3102	Total Quality Management	Major Requirements	3	3	0	67
BAHR3207	Management of Diversity	Major Requirements	3	3	0	67
BAHR3208	International Issues on Human Resource Management	Major Requirements	3	3	0	67
Total Semester Credit Hours			14			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG3312	Teamwork Management	Major Requirement	3	3	0	67
BAPR3311	Senior Project	Major Requirement	3	3	0	67
Total Semester Credit Hours			6			

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Diploma**
Specialization : **E-Business**

Semester 1 **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG2111	Entrepreneurship	Dept. Requirements	3	3	0	60
BAFI2109	Financial Management	Dept. Requirements	3	3	0	60
BAEB2101	Database Management	Major Requirements	3	3	0	67
BAEB2100	Introduction to E-Business	Major Requirements	3	3	0	67
ITSE1203	Introduction to Web Technology	Major Requirements	3	3	0	67
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAFI2210	Financial Institutions and Services	Dept. Requirements	3	3	0	60
PHIL3108	Business Ethics	College Requirements	3	3	0	55
PHIL2200	Formal Logic	College Requirements	3	3	0	55
BAEB2203	E-Commerce	Major Requirements	3	3	0	67
ITSE1202	Introduction to Operating System	Major Requirements	3	1	4	67
Total Semester Credit Hours			15			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BACO2212	Job Search Techniques	College Requirements	1	1	0	55
BADB2301	Database for Small Business	Dept. Requirements	3	3	0	55
Total Semester Credit Hours			4			

DEGREE AUDIT OLD

Department of Business Studies

Degree : **Higher Diploma**
Specialization : **E-Business**

Semester 1 **College Elective Hrs.:** **Dept. Elective Hrs : 3** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMA3113	Research Methodology	Major Requirements	3	3	0	67
BAEB3106	Customer Relations	Major Requirements	3	3	0	67
BAEB3107	Introduction to E-Marketing	Major Requirements	3	3	0	67
ITDB2101	System Analysis and Design	College Requirements	3	2	2	67
BAEB3166	Computer Security for E-Business	Major Elective	3	3	0	67
Total Semester Credit Hours			15			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs : 3** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PHIL3200	Formal Arabic Communication	College Requirements	2	3	0	67
ENGL3100	Public Speaking	College Requirements	3	2	2	55
ITSE1101	Introduction to Programming C	Major Requirements	3	1	4	67
BAEB3209	Enterprise Resource Planning	Major Requirements	3	3	0	67
BAEB3202	E-Commerce and Advertising	Major Elective	3	3	0	67
Total Semester Credit Hours			14			

Semester III **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
BAMG3312	Teamwork Management	Major Requirement	3	3	0	67
BAPR3311	Senior Project	Major Requirement	3	3	0	67
Total Semester Credit Hours			6			

DEGREE AUDIT NEW

Department of Business Studies

Degree : **Certificate**
Specialization : **Certified Accounting Technician**

Semester 1 **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PAPER1	Recording Financial Transactions	Major Requirements	4	10	0	55
PAPER2	Information for Management Control	Major Requirements	4	10	0	55
ENTW1100	Technical Writing I	College Requirements	3	2	2	55
Total Semester Credit Hours			11			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PAPER3	Maintaining Financial Records	Major Requirements	4	10	0	50
PAPER4	Accounting for Costs	Major Requirements	4	10	0	50
ITSE1100	Information System Multimedia	College Requirements	3	0	6	55
Total Semester Credit Hours			11			

DEGREE AUDIT NEW

Department of Business Studies

Degree : **Diploma**
Specialization : **Certified Accounting Technician**

Semester 1 **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PAPER5	Management of People and Systems	Major Requirements	4	10	0	40
PAPER6	Drafting Financial Statements	Major Requirements	4	10	0	40
ENTW1200	Technical Writing II	College Requirements	3	2	2	55
Total Semester Credit Hours			11			

Semester II **College Elective Hrs.:** **Dept. Elective Hrs :** **Spec. Elective Hrs.:**

Course Code	Course Title	Course Type Name	Credit Hours	Theory Hours	Practical Hours	Passing Grade
PAPER7	Planning, Control and Performance	Major Requirements	4	10	0	67
TALLY	Tally Software	Major Requirements	4	0	6	67
ENGL1200	Advanced Writing II	College Requirements	1	3	0	67
Total Semester Credit Hours			9			