

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 : **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	ECPW2150
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 : **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 : **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 : **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 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 : **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 : **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			