

**PROGRAMME STRUCTURE FOR
DIPLOMA IN ELECTRONIC ENGINEERING (COMPUTER)
(SEBELUM SESI JUN 2012)**

SEMESTER	NO	COURSE CODE	COURSE	PREQUISITE	CREDIT
1	1	AA101	ISLAMIC EDUCATION 1*	-	2
	2	AA102	MORAL EDUCATION 1**	-	2
	3	AE101	COMMUNICATIVE ENGLISH 1	-	2
	4	AR101	CO-CURRICULUM 1	-	1
	5	BA101	ENGINEERING MATHEMATICS 1	-	2
	6	BB101	ENGINEERING SCIENCE	-	2
	7	BC101	COMPUTER APPLICATION	-	1
	8	ET101	ELECTRICAL TECHNOLOGY	-	2
	9	ET102	ELECTRICAL WIRING	-	2
	10	EE101	MEASUREMENT	-	2
	TOTAL	16			
2	1	AA201	ISLAMIC EDUCATION 2*	-	2
	2	AA202	MORAL EDUCATION 2**	-	2
	3	AR201	CO-CURRICULUM 2	AR101	1
	4	BA201	ENGINEERING MATHEMATICS 2	BA101	2
	5	AW101	OCCUPATIONAL SAFETY AND HEALTH 1	-	1
	6	ET201	ELECTRICAL CIRCUITS	ET101	2
	7	EE201	SEMICONDUCTOR DEVICES	-	2
	8	EC201	FUNDAMENTAL PROGRAMMING	-	2
	9	EE202	DIGITAL ELECTRONICS	-	3
	10	EC202	COMPUTER AIDED DESIGN (CAD)	-	1
	TOTAL	16			
3	1	AE301	COMMUNICATIVE ENGLISH 2	AE101	2
	2	AS101	SOFT SKILLS	-	2
	3	BA301	ENGINEERING MATHEMATICS 3	-	2
	4	EE301	ELECTRONIC CIRCUITS	-	2
	5	EC301	COMPUTER NETWORK FUNDAMENTALS	-	2
	6	EC302	ELECTRONIC COMPUTER AIDED DESIGN (ECAD)	-	2
	7	EC303	COMPUTER ARCHITECTURE AND ORGANIZATION	-	2
	8	EC304	MICROPROCESSOR FUNDAMENTAL	EE202	2
	TOTAL	16			
4	1	AT401	INDUSTRIAL TRAINING	AS101	10
	TOTAL	10			
5	1	AE501	COMMUNICATIVE ENGLISH 3	AE301	2
	2	BA501	ENGINEERING MATHEMATICS 4	BA201	2
	3	EP301	COMMUNICATION SYSTEM FUNDAMENTALS		2
	4	EC501	EMBEDDED SYSTEM APPLICATION		2
	5	EC502	VISUAL BASIC PROGRAMMING		2
	6	EC503	OPERATING SYSTEMS		2
	7	EE501	PROJECT 1		2
	8	EJ501	PROGRAMMABLE LOGIC CONTROLLER (PLC) & AUTOMATION		2
	TOTAL	16			
6	1	AA301	ISLAMIC CIVILISATION		2
	2	BA601	ENGINEERING MATHEMATICS 5	BA501	2
	3	PB201	ENTREPRENEURSHIP		2
	4	EE601	PROJECT 2	EE501	2
	5	EE603	CMOS INTEGRATED CIRCUIT DESIGN		2
	6	EC601	DATABASE SYSTEM		2
	7	EC602	COMPUTER SYSTEM DIAGNOSIS AND MAINTANANCE		3
	8	EC603	EMBEDDED ROBOTIC		2
	TOTAL	17			
TOTAL CREDIT	91				

LIST OF ELECTIVE COURSE**STUDENTS ARE REQUIRED TO COMPLETE A MINIMUM OF 4 CREDITS OF ELECTIVE COURSE.*****FOR MUSLIMS STUDENTS******FOR NON MUSLIM STUDENTS**

N O	COURSE CODE	COURSE	C R E D I T
1	EJ501	PROGRAMMABLE LOGIC CONTROLLER (PLC) & AUTOMATION	2
2	EE503	IC FABRICATION AND PACKAGING TECHNOLOGY	2
3	EC504	INTERACTIVE MULTIMEDIA APPLICATIONS	2
4	EE604	CMOS VLSI LAYOUT DESIGN	2
5	EC603	EMBEDDED ROBOTIC	2