



**LIST OF COURSES FOR DIPLOMA IN COMPUTER SCIENCE (DCS)
for matric no starting 131XXX to 133XXX**

MQA COMPULSORY COURSES

NO	COURSE CODE	COURSE NAME	CREDIT HOURS	OFFERED BY	GRADE
1	MQA2233 OR	BAHASA KEBANGSAAN A (FOR MALAYSIAN)	3	CEL	
	MQA2232	BAHASA KEBANGSAAN B (FOR INTERNATIONAL)			
2	MQA1231	MALAYSIAN STUDIES	3	SOSS	
3	MQA1232 OR	ISLAMIC STUDIES (FOR MUSLIM)	3	SOSS	
	MQA2231	MORAL STUDIES (FOR NON MUSLIM)			

TOTAL CREDIT HOURS FOR MQA COMPULSORY COURSES = 9

COLLEGE COMPULSORY COURSES

NO	COURSE CODE	COURSE NAME	CREDIT HOURS	OFFERED BY	GRADE
1	CES1231	ENGLISH FOR INTERMEDIATE STUDIES	3	CEL	
2	CES1232	ENGLISH FOR ADVANCED STUDIES	3	CEL	
3	CES2233	BUSINESS COMMUNICATION	3	CEL	
4	ICD3221	IBADAH CAMP (FOR MUSLIM)	2	SOSS	
	ICD3222	INTERCULTURAL PROGRAM (FOR NON MUSLIM)			

TOTAL CREDIT HOURS FOR COLLEGE COMPULSORY COURSES = 11

CORE COURSES

NO	COURSE CODE	COURSE NAME	CREDIT HOURS	OFFERED BY	GRADE
1	DCS1231	COMPUTER ORGANIZATION & ARCHITECTURE	3	SICT	
2	DCS2231	OPERATING SYSTEM	3	SICT	
3	DCS2232	HUMAN COMPUTER INTERACTION	3	SICT	
4	DCS2234	INTRODUCTION TO DISCRETE MATHEMATICS	3	SICT	
5	DCS2235	PRINCIPLES OF ARTIFICIAL INTELLIGENCE	3	SICT	
6	DCS2236	DATA & NETWORKING TECHNOLOGY	3	SICT	
7	DCS2237	COMPUTER GRAPHICS	3	SICT	
8	DCS2238	DATA STRUCTURE & ALGORITHM	3	SICT	
9	DCS2243	OBJECT ORIENTED PROGRAMMING	4	SICT	
10	DCS3231	INTRODUCTION TO CALCULUS	3	SICT	
11	DCS3233	SOFTWARE ENGINEERING	3	SICT	
12	DCT1234	STRUCTURED PROGRAMMING	3	SICT	
13	DCT1235	SYSTEM ANALYSIS & DESIGN	3	SICT	
14	DCT1236	INFORMATION TECHNOLOGY FUNDAMENTALS	3	SICT	
15	DCT2232	INTRODUCTION TO DATABASE MANAGEMENT SYSTEM	3	SICT	
16	DCT2241	WEB APPLICATION DEVELOPMENT	4	SICT	
17	DCT3241	FINAL PROJECT	4	SICT	
18	DCT3242	PRACTICAL TRAINING	4	SICT	
19	DIT3232	TECHNOPRENEURSHIP	3	SOM	
20	SOS 2231	ETHICS IN DAILY LIFE	3	SOSS	

TOTAL CREDIT HOURS FOR CORE COMPULSORY COURSES = 64

ELECTIVE COURSES - TO CHOOSE ONE CONCENTRATION EITHER A, B OR C

ELECTIVE A - SOFTWARE ENGINEERING

NO	COURSE CODE	COURSE NAME	CREDIT HOURS	OFFERED BY	GRADE
1	DES3241	ADVANCED PROGRAMMING	4	SICT	
2	DES3242	OBJECT-ORIENTED MODELLING	4	SICT	

TOTAL CREDIT HOURS FOR ELECTIVES= 8

ELECTIVE B - NETWORK & SECURITY

NO	COURSE CODE	COURSE NAME	CREDIT HOURS	OFFERED BY	GRADE
1	DES3243	INFORMATION & NETWORK SECURITY	4	SICT	
2	DES3244	PRINCIPLES OF DIGITAL FORENSICS	4	SICT	

TOTAL CREDIT HOURS FOR ELECTIVES=8

ELECTIVE C - MULTIMEDIA TECHNOLOGY

NO	COURSE CODE	COURSE NAME	CREDIT HOURS	OFFERED BY	GRADE
1	DES3245	MULTIMEDIA INTERACTIVE DESIGN	4	SICT	
2	DES3246	MULTIMEDIA AUTHORIZING	4	SICT	

TOTAL CREDIT HOURS FOR ELECTIVES= 8

TOTAL CREDIT HOURS TO COMPLETE PROGRAMME = 92