



LIST OF COURSES FOR DIPLOMA IN COMPUTER SCIENCE (DCS)
FOR MATRIC NO 141XXX AND ABOVE

MPU COMPULSORY COURSES

NO	COURSE CODE	COURSE NAME	CREDITS	CONTACT HOURS	OFFERED BY	PRE-REQUISITE
1	MPU2163 OR	MALAYSIAN STUDIES (FOR LOCAL STUDENTS)	3	3	SOSS	
	MPU2133	BAHASA MELAYU KOMUNIKASI 1 (FOR INTERNATIONAL STUDENTS)			CEL	
2	MPU2213	BAHASA KEBANGSAAN A (FOR LOCAL STUDENTS WHO DO NOT EARN CREDIT IN BAHASA MELAYU AT SPM LEVEL)	3	3	CEL	
	*MPU2233 OR	PRESENTATION SKILLS				
	*MPU2253	PROCESS WRITING				
3	MPU2323 OR	POLITICAL SCIENCE	3	3	SOSS	
	MPU2343	HUMAN RELATIONS			SOM	
4	MPU2412 OR	IBADAH CAMP (FOR MUSLIM STUDENTS)	2		SOSS	
	MPU2422	INTERCULTURAL PROGRAM (FOR NON MUSLIM STUDENTS)			SOSS	

TOTAL CREDITS FOR MPU COMPULSORY COURSES = 11

COLLEGE COMPULSORY COURSES

NO	COURSE CODE	COURSE NAME	CREDITS	CONTACT HOURS	OFFERED BY	PRE-REQUISITE
1	CES1231	ENGLISH FOR INTERMEDIATES STUDIES	3	3	CEL	
2	CES1232	ENGLISH FOR ADVANCED STUDIES	3	3	CEL	CES1231
3	CES2233	BUSINESS COMMUNICATION	3	3	CEL	CES1232

TOTAL CREDITS FOR COLLEGE COMPULSORY COURSES = 9

CORE COURSES

NO	COURSE CODE	COURSE NAME	CREDITS	CONTACT HOURS	OFFERED BY	PRE-REQUISITE
1	DCS1231	COMPUTER ORGANIZATION & ARCHITECTURE	3	3	SICT	
2	DCS2231	OPERATING SYSTEM	3	3	SICT	DCS1231
3	DCS2232	HUMAN COMPUTER INTERACTION	3	3	SICT	
4	DCS2234	INTRODUCTION TO DISCRETE MATHEMATICS	3	3	SICT	
5	DCS2235	PRINCIPLES OF ARTIFICIAL INTELLIGENCE	3	3	SICT	DCS2234
6	DCS2236	DATA & NETWORKING TECHNOLOGY	3	3	SICT	
7	DCS2237	COMPUTER GRAPHICS	3	4	SICT	
8	DCS2238	DATA STRUCTURE & ALGORITHM	3	4	SICT	DCT1234
9	DCS2243	OBJECT ORIENTED PROGRAMMING	4	4	SICT	DCT1234
10	DCS3231	INTRODUCTION TO CALCULUS	3	3	SICT	
11	DCS3233	SOFTWARE ENGINEERING	3	3	SICT	DCT1235
12	DCT1234	STRUCTURED PROGRAMMING	3	3	SICT	
13	DCT1235	SYSTEM ANALYSIS & DESIGN	3	3	SICT	
14	DCT1236	INFORMATION TECHNOLOGY FUNDAMENTALS	3	4	SICT	
15	DCT2232	INTRODUCTION TO DATABASE MANAGEMENT SYSTEM	3	4	SICT	DCT1235
16	DCT2241	WEB APPLICATION DEVELOPMENT	4	4	SICT	DCT2232
17	DCT3241	FINAL PROJECT	4	-	SICT	COMPLETED 78 CREDIT HOURS
18	DCT3242	PRACTICAL TRAINING	4	-	SICT	COMPLETED 88 CREDIT HOURS
19	DIT3232	TECHNOPRENEURSHIP	3	3	SOM	
20	SOS 2231	ETHICS IN DAILY LIFE	3	3	SOSS	

TOTAL CREDITS 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	CREDITS	CONTACT HOURS	OFFERED BY	PRE-REQUISITE
1	DES3241	ADVANCED PROGRAMMING	4	4	SICT	DCS2243
2	DES3242	OBJECT-ORIENTED MODELLING	4	4	SICT	DCS3233

TOTAL CREDITS FOR ELECTIVES- A

ELECTIVE B - NETWORK & SECURITY

NO	COURSE CODE	COURSE NAME	CREDITS	CONTACT HOURS	OFFERED BY	PRE-REQUISITE
1	DES3243	INFORMATION & NETWORK SECURITY	4	4	SICT	DCS2236
2	DES3244	PRINCIPLES OF DIGITAL FORENSICS	4	4	SICT	DES3243

TOTAL CREDITS FOR ELECTIVES-B

ELECTIVE C - MULTIMEDIA TECHNOLOGY

NO	COURSE CODE	COURSE NAME	CREDITS	CONTACT HOURS	OFFERED BY	PRE-REQUISITE
1	DES3245	MULTIMEDIA INTERACTIVE DESIGN	4	4	SICT	NONE
2	DES3246	MULTIMEDIA AUTHORIZING	4	4	SICT	NONE

TOTAL CREDITS FOR ELECTIVES- C

TOTAL CREDITS TO COMPLETE PROGRAMME = 92

* Student with credit Bahasa Melayu in SPM must complete 3 credits from MPU 2233 Presentation Skills or MPU 2253 Process Writing

3/1/16
NUR HABIATUL ADAWIYAH ABDULLAH JESSLER
Head of Programme (DCS)
School of Information & Communication Technology
International Islamic College

STUDY PLAN FOR L...LOMA COMPUTER SCIENCE (MATIC NO 1...1XXX AND ABOVE)

YEAR 1					YEAR 2			YEAR 3					
Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2	Semester 3	Semester 1	Semester 2			
ENGLISH INTERMEDIATE STUDIES CES1231	ENGLISH FOR ADVANCED STUDIES CES1232 PRE: CES1231	BUSINESS COMMUNICATION CES2233 PRE: CES1232	POLITICAL SCIENCE MPU2323/ HUMAN RELATIONS MPU2343	OBJECT ORIENTED PROGRAMMING DCS 2243 PRE:DCT1234	HUMAN COMPUTER INTERACTION DCS2232	FINAL PROJECT DCT3241 PRE:Completed 78 credits	PRACTICAL TRAINING DCT3242 PRE:Completed 88 credit	TOTAL CREDITS COMPLETED :					
MALAYSIAN STUDIES MPU2163/ BAHASA MELAYU KOMUNIKASI 1 MPU2133	BAHASA KEBANGSAAN A MPU2213 / PRESENTATION SKILLS MPU2233 / PROCESS WRITING MPU2253	INTRODUCTION TO CALCULUS DCS 3231	INTRODUCTION TO DATABASE MANAGEMENT SYSTEM DCT 2232 PRE: DCT1235	PRINCIPLES OF ARTIFICIAL INTELLIGENCE DCS2235 PRE:DCS2234	ELECTIVE 1 Elective A: ADVANCED PROGRAMMING DES3241 OR Elective B: INFORMATION & NETWORK SECURITY DES3243 OR Elective C: MULTIMEDIA INTERACTIVE DESIGN DES3245	ELECTIVE 2 Elective A: OBJECT ORIENTED MODELING DES3242 OR Elective B: PRINCIPLES OF DIGITAL FORENSICS DES3244 OR Elective C: MULTIMEDIA AUTHORIZING DES3246							
INTRODUCTION TO DISCRETE MATHEMATICS DCS2234	SYSTEM ANALYSIS & DESIGN DCT1235	ETHICS IN DAILY LIFE SOS2231	DATA & NETWORKING TECHNOLOGY DCS2236	WEB APPLICATION DEVELOPMENT DCT2241 PRE:DCT2232	IBADAH CAMP MPU2412 / INTERCULTURAL PROGRAM MPU2422								
COMPUTER ORGANIZATION & ARCHITECTURE DCS1231	OPERATING SYSTEM DCS2231 PRE: DCS1231		DATA STRUCTURE & ALGORITHM DCS2238 PRE: DCT1234	SOFTWARE ENGINEERING DCS3233 PRE:DCT1235									
INFORMATION TECHNOLOGY FUNDAMENTALS DCT1236	STRUCTURED PROGRAMMING DCT 1234		COMPUTER GRAPHICS DCS2237	TECHNOPRENEURSHIP DIT3232									
	USRAH: AM I A GOOD MUSLIM (MUSLIM) USR2001 OR CURRENT ISSUES (NON MUSLIM) USR2005		USRAH: PROFESSIONAL MUSLIM TO BE OR NOT TO BE(MUSLIM) USR2002 OR CULTURAL PERSEPTIVE VIEW (NON MUSLIM) USR2006	USRAH: VIRTUE VS VICES USR2003	USRAH: JUNIOR APPRENTICE USR2004								
15	15	9	15	17	7	10	4				92		

LIST OF COURSES:

Total Credit/ Sem