



COURSE OUTLINE  
PROGRAMME CDCS110 - DIPLOMA IN COMPUTER SCIENCE

No	Course	Course Description	Credit Hour	Part	
1.	CSC121	INTRODUCTION TO ALGORITHM DESIGN AND DEVELOPMENT	3.0	01	
2.	CSC126	FUNDAMENTALS OF ALGORITHMS AND COMPUTER PROBLEM SOLVING	3.0	01	
3.	CSC253	INTERACTIVE MULTIMEDIA	3.0	01	
4.	CTU101	FUNDAMENTALS OF ISLAM	2.0	01	Elective
5.	ELC121	INTEGRATED LANGUAGE SKILLS I	3.0	01	
6.	HBU111	NATIONAL KESATRIA I	1.0	01	Elective
7.	MAT133	PRE CALCULUS	3.0	01	
8.	UED101	MATHEMATICAL THINKING FOR NOVICES	0.0	01	
9.	UED102	STUDY SKILLS	0.0	01	
10.	ACC117	INTRODUCTION TO FINANCIAL ACCOUNTING	3.0	02	Elective
11.	CSC159	COMPUTER ORGANIZATION	4.0	02	
12.	CSC186	OBJECT ORIENTED PROGRAMMING	4.0	02	
13.	CTU152	VALUES AND CIVILIZATION	2.0	02	Elective
14.	ELC151	INTEGRATED LANGUAGE SKILLS II	3.0	02	
15.	HBU121	NATIONAL KESATRIA II	1.0	02	Elective
16.	MAT183	CALCULUS I	3.0	02	
17.	CSC207	FUNDAMENTALS OF OPERATING SYSTEMS	3.0	03	
18.	CSC248	FUNDAMENTALS OF DATA STRUCTURES	3.0	03	
19.	CSC301	VISUAL PROGRAMMING	3.0	03	Elective
20.	CTU211	SCIENCE AND TECHNOLOGY IN ISLAM	2.0	03	Elective
21.	ELC231	INTEGRATED LANGUAGE SKILLS III	3.0	03	
22.	ICT200	INTRODUCTION TO DATABASE MANAGEMENT	3.0	03	
23.	MAT210	DISCRETE MATHEMATICS	3.0	03	
24.	CSC264	INTRODUCTION TO WEB AND MOBILE APPLICATION	4.0	04	
25.	CSC305	PROGRAMMING PARADIGMS	3.0	04	Elective
26.	ENT300	FUNDAMENTALS OF ENTREPRENEURSHIP	3.0	04	
27.	HBU131	NATIONAL KESATRIA III	1.0	04	Elective
28.	ISP250	INFORMATION SYSTEM DEVELOPMENT	3.0	04	
29.	ITT300	INTRODUCTION TO DATA COMMUNICATION AND NETWORKING	3.0	04	
30.	STA116	INTRODUCTION TO PROBABILITY AND STATISTICS	3.0	04	
31.	CSC339	PRACTICAL TRAINING	12.0	05	