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UNIVERSITI TEKNOLOGI MARA

COURSE OUTLINE
PROGRAMME CDCS251 - BACHELOR OF COMPUTER SCIENCE (HONS.) NETCENTRIC COMPUTING

No	Course	Course Description	Credit Hour	Part	
1.	CSC402	PROGRAMMING I	3.0	01	
2.	CSC413	INTRODUCTION TO INTERACTIVE MULTIMEDIA	3.0	01	
3.	CSC429	COMPUTER ORGANIZATION AND ARCHITECTURE	3.0	01	
4.	CTU552	PHILOSOPHY AND CURRENT ISSUES	2.0	01	
5.	HBU111	NATIONAL KESATRIA I	1.0	01	Elective
6.	ITT400	INTRODUCTION TO DATA COMMUNICATION AND NETWORKING	3.0	01	
7.	MAT406	FOUNDATION MATHEMATICS	3.0	01	
8.	CSC404	PROGRAMMING II	3.0	02	
9.	CSC520	PRINCIPLES OF OPERATING SYSTEMS	3.0	02	
10.	CSC574	DYNAMIC WEB APPLICATION DEVELOPMENT	3.0	02	
11.	HBU121	NATIONAL KESATRIA II	1.0	02	Elective
12.	ICT450	DATABASE DESIGN AND DEVELOPMENT	3.0	02	
13.	MAT421	CALCULUS I	3.0	02	
14.	STA416	APPLIED PROBABILITY AND STATISTICS	3.0	02	
15.	CSC435	OBJECT-ORIENTED PROGRAMMING	3.0	03	
16.	CSC510	DISCRETE STRUCTURES	3.0	03	
17.	CTU554	VALUES AND CIVILIZATION II	2.0	03	
18.	HBU131	NATIONAL KESATRIA III	1.0	03	Elective
19.	ITT450	INFORMATION AND NETWORK SECURITY	3.0	03	
20.	ITT501	NETCENTRIC FUNDAMENTALS	3.0	03	
21.	ITT531	PRINCIPLES OF NETWORKING	3.0	03	
22.	TAC401	INTRODUCTORY ARABIC (LEVEL I)	2.0	03	Elective
23.	ELC501	ENGLISH FOR CRITICAL ACADEMIC READING	2.0	04	
24.	ISP542	FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE	3.0	04	
25.	ITT545	WEB ENGINEERING	3.0	04	
26.	ITT557	WEB APPLICATION SECURITY	3.0	04	Elective
27.	ITT569	INTERNET OF THINGS (IOT)	3.0	04	Elective
28.	ITT588	FRONT-END TECHNOLOGY	3.0	04	
29.	TAC451	INTRODUCTORY ARABIC (LEVEL II)	2.0	04	Elective
30.	CSP600	PROJECT FORMULATION	3.0	05	
31.	ELC650	ENGLISH FOR PROFESSIONAL INTERACTION	2.0	05	
32.	ICT602	MOBILE TECHNOLOGY AND DEVELOPMENT	3.0	05	
33.	ITT550	NETWORK DESIGN AND MANAGEMENT	3.0	05	Elective
34.	ITT626	BACK-END TECHNOLOGY	3.0	05	
35.	ITT661	EMERGENT TECHNOLOGY	3.0	05	Elective
36.	TAC501	INTRODUCTORY ARABIC (LEVEL III)	2.0	05	Elective

37.	**CSP650**	PROJECT	6.0	06	
38.	**EET699**	ENGLISH EXIT TEST	0.0	06	
39.	**ENT600**	TECHNOLOGY ENTREPRENEURSHIP	3.0	06	
40.	**ICT652**	ETHICAL, SOCIAL, AND PROFESSIONAL ISSUES IN ICT	3.0	06	
41.	**ITT420**	NETWORK AND SYSTEM ADMINISTRATION	3.0	06	
42.	**ITT632**	MOBILE CLOUD COMPUTING	3.0	06	
43.	**CST688**	COMPUTING SCIENCE INDUSTRIAL TRAINING	7.0	07	