

PROGRAMME STRUCTURE
KOLEJ PROFESIONAL MARA BERANANG / KOLEJ PROFESIONAL MARA INDERA MAHKOTA
DIPLOMA IN COMPUTER SCIENCE (DCS)
For Students Session 2 2024/2025 (July Intake)

Year	Semester	Course Code	Course	Credit Hour	Contact Hour	Status	Pre-requisite	Remarks	
1	1	CSC 1383	1 Programming Fundamentals 1	3	4	Core			
		CSC 1313	2 User Interface and Experience (UIUX) Design	3	4	Core			
		CSC 1423	3 Computer Architecture	3	5	Core			
		ENG 1562	4 English Language Skills	2	3	Compulsory			
		ISL/ 1062/	5 Pendidikan Islam /	2	3	Compulsory			
		SOC 1062	5 Pendidikan Moral	2	3	Compulsory			
			KQB/KQK/ 1011- KQS/KQU 1151	6 Co-Curriculum 1	1	2	Compulsory		
				Total	14	21	3		
	2	2	CSC 1433	1 Programming Fundamentals 2	3	4	Core	CSC 1383	
			CSC 1393	2 Database Fundamentals	3	5	Core		
			CSC 1403	3 System Analysis Design and Fundamentals	3	5	Core		
			MAT 1113	4 Calculus and Algebra	3	4	Core		
			ETR 2583	5 e-Entrepreneurship	3	4	Compulsory		
			KQB/KQK/ 1011- KQS/KQU 1151	5 Co-Curriculum 2	1	2	Compulsory		
				Total	16	24	4		
3	3	CSC 1413	1 Web Programming	3	5	Core			
		CSC 1443	2 Algorithm Analysis and Design	3	5	Core			
		CSC 1453	3 Operating System	3	5	Core			
		MAT 1093	4 Discrete Mathematics	3	4	Core			
		MPU 2232	5 Public Speaking and Communication	2	3	MPU			
			Total	14	22	4			
2	1	CSC 2833	1 Object Oriented Programming	3	5	Core			
		CSC 2873	2 Systems Fundamentals	3	5	Core			
		CSC 2843	3 Network and Data Communication	3	5	Core			
		QMT 2043	4 Business Statistics	3	4	Core			
		MPU 2372	5 Dinamika Islam di Malaysia	2	3	MPU			
				Total	14	22	4		
	2	2	CSC 2813	1 Mobile Application Development	3	5	Core		
			CSC 2883	2 Parallel and Distributed Computing	3	5	Core		
			CSC 2893	3 Computer Network Technology	3	5	Core		
			CSC 2903	4 Ethics in Computing	3	4	Core		
			MPU 2162	5 Pengajian Malaysia 2	2	3	MPU		
				Total	14	22	4		
	3	3	CSC 2854	1 Project	4	6	Core		
			CSC 2863	2 Cybersecurity Fundamentals	3	4	Core		
			CSC 2913	3 Intelligent Systems	3	5	Compulsory		
MPU 2482			4 Kemahiran dan Tanggungjawab Sosial	2	2	MPU			
			Total	12	17	2			
3	1	ITR 3616	1 Industrial Training	6	12 weeks	Industrial Training			
			Total	6	0	0			
Total Hours/Pre-requisites				90	128	21			



Pre-requisite status:

M: Mandatory Pass
E: Enrollment

as at 15 July 2024
 *To be effective from Session 2 2024/2025