

PROGRAM MATRIX

Faculty	Computing and Information Technology
Program	Computing and Multimedia
Award	Diploma in Computing and Multimedia
Credits Hours/Units	67/36
Academic Year	2025/2026

Level	Semester 1					Semester 2				
	Course Code	Course Name	Pre-requisite	Core/ Elective	Units /Cr.H	Course Code	Course Name	Pre-requisite	Core/ Elective	Units/ Cr.H
1	COMP1117	Computer Architecture and Organization	IC3	Core	2/4	COMP1213	Computer Networks I	IC3	Core	2/4
	COMP1116	Computer Programming	IC3	Core	2/4	COMP1217	Fundamentals of Database Systems	IC3	Core	2/4
	COMP1118	Discrete Mathematics	IC3	Core	2/3	COMP1218	Introduction to Multimedia Technology and Web Engineering	None	Core	2/4
	UNIR1100	Communication Skills I	None	Core	2/3	COMP1216	Algorithms and Data Structure	None	Core	2/4
	UNIR1001	Oman and Islamic Culture	None	Core	1/2	UNIR1002	Arabic Language Skills	None	Core	1/2
2	COMP2108	Object Oriented Programming	COMP1116	Core	2/4	COMP2222	Computer Animation	COMP1218	Core	2/4
	COMP2100	Human Computer Interaction	None	Core	2/4	COMM2223	Digital Media Design	None	Core	2/4

COMP2111	System Analysis and Design	COMP1116	Core	2/4	UNIR2100	Communication Skills II	UNIR1100	Core	2/3
UNIR2001	Entrepreneurship	None	Core	2/2	COMP2215	Operating System & Security	COMP1117	Elective	2/4
COMP2000	Computer Networks II	COMP1213	Elective	2/4	COMP1220	Computer Security Fundamental	None	Elective	
COMP2120	Network Security	COMP1213	Elective		COMP2220	Web Information Systems	None	Elective	
NEDB2101	Database Administration	COMP1217	Elective		INTR2002	Industrial Training	None	Core	0