

Zarqa University
Skills Matrix
Internet Technology and its Applications Department



Skills VS. Courses	First Year										Second Year																		
	Islamic Culture	National Education	English Language 1	Elective university Course	Computer Programming 1	Programming Lab. 1	Computer Programming 2	Programming Lab. 2	Web Programming (1)	Computer Applications and Internet	Web Lab. 1	Digital Logic Design	Special Programming Language	Arabic Language 1	Elective university Course	Web Programming (2)	Selected Programming Language	Discrete Mathematics	Introduction to Software Engineering	Web Related Tools	Data Structures	Human Computer Interaction	Disributed Databases	Database Languages and Tools	Statistics and Probabilities	Advanced Programming	Distributed Databases	Digital Image Processing	Multimedia Fundamentals
A12. Algorithm design and analysis.					x	x	x	x			x					x	x	x	x		x						x	x	x
A13. Formal methods and description techniques.																		x	x									x	x
A14. Modeling and frameworks.																			x				x				x		
A15. Analysis, prediction, and generalization.										x														x			x		

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متطلب تخصص اختياري

متطلب تخصص اجباري

المتطلبات المساندة



تطلب جامعة اجباري

متطلب كلية اجباري

تطلب جامعة اختياري

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ethical issues related to work.	x	x		x										x	x					x		x		x					
D. General transferable skills – students will be able to:																													
D1. Effectively communicate both orally and in writing using appropriate tools.			x	x									x									x		x		x			
D2. Work effectively as part of a team.									x															x		x			
D3. Effective use of general IT facilities.									x										x					x		x	x	x	x
D4. Do independent learning and continue professional development.					x	x	x	x		x	x					x	x									x			
D5. Communicate and present logical argument related to computing.									x									x		x			x	x				x	x
D6. Employ scientific methods in the					x	x	x	x	x	x	x					x	x					x	x			x	x		

