



Department of Web Engineering
Guidance Plan (132 Credit Hours)

Year	First Semester				Second Semester				
	Module Number	Module Title	Prereq	Type	Module Number	Module Title	Prereq	Type	
(1)	0114101	Arabic Language Skills (1)		Uni	0130102	English Language Skills (2)	0130101	Uni	
	0130101	English Language Skills (1)		Uni	0111101	National Education		Uni	
		University Elective 1		Uni		University Elective 2		Uni	
	0750113	Programming Fundamentals (1)		Fac	0750120	Discrete Mathematics	0750099	Sup	
	0731110	Introduction to Information Systems and Technology		Fac	0750114	Programming Fundamentals (2)	0750113	Fac	
	0780110	Introduction to Internet and Web Technology		Fac	0780111	Web Engineering Fundamentals	0780110	Dept	
	Semester Total				18 Hours	Semester Total			
(2)		University Elective 3		Uni	0250231	Introduction to Statistics and Probabilities	0750120	Sup	
	0721223	Object-Oriented Programming	0750114	Fac	0721224	Data Structures	0721223	Sup	
	0750272	Numerical Analysis	0750114	Sup	0750215	Visual Programming	0721223	Fac	
	0731213	Introduction to Web Programming	0750114	Fac	0731221	Database Fundamentals	0721223	Sup	
	0780220	Fundamentals of e-Government	0780111	Dept	0780221	Requirements Engineering for Web Applications	0780111	Dept	
	0780230	Web Documents	0780111	Dept	0721240	Computing Ethics	0731110	Fac	
	Semester Total				18 Hours	Semester Total			
(3)		University Elective 4		Uni		Department Elective 1		Dept	
	0750323	Algorithms	0721224	Sup	0731340	Fundamentals of Computer Networks	0721224	Sup	
	0750335	Operating Systems	0721224	Sup	0780323	Web Applications Usability	0780320	Dept	
	0780320	Web System Analysis & Design	0780221	Dept	0780324	Web Services	0780340	Dept	
	0780321	Web Process and Project Management	0780221	Dept	0780341	Web Client Side Technologies	0780230	Dept	
	0780340	Web Server side Technologies	0780230	Dept					
	Semester Total				18 Hours	Semester Total			
(4)		Department Elective 2		Dept		Department Elective 3		Dept	
	0780420	e-Commerce System Engineering	0780323	Dept	0780431	Web Security	0731340	Dept	
	0750464	Information and Data Retrieval	0731221	Sup	0780481	Project (2)	0780480	Dept	
	0780480	Project (1)	90 Hrs	Dept	0780423	Quality Assurance and Testing of Web Applications	0780320	Dept	
	0780470	Practical Training	90 Hrs	Dept	0731423	Data Mining	0750464	Sup	
	0111100	Military Sciences		Uni					
Semester Total				13 Hours	Semester Total				14 Hours