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Course Plan – Procedures of the Course Plan & Educational Resources Committee

Authorized Signature & Stamp	2008/2009		Number & Date of Approval	Software Engineering Department	Department

Advisement Plan (Semester/ Year)	Prerequisite	Practical Hours	Theory Hours	Credit Hours	Course Name	Course No.	Student Information Registered	Passed
First: University Requirements (27) Credit Hours out of (60) recommended hours								
A) Mandatory Requirements 12 Credit Hours								
	Pre Arabic		3	3	Arabic Language 1	401100	☐	☐
	Pre English		3	3	English Language 1	402100	☐	☐
	…………………		3	3	Military Science	409101	☐	☐
	…………………		3	3	National Education	409103	☐	☐
B) Electives 15 Credit Hours (A minimum of one course in each field and a maximum of one course in each field)								
First Field: Humanities								
1/1	English Language 1		3	3	English Language 2	402105	☐	☐
1/1	…………………		3	3	Modern History of Jordan	403100	☐	☐
4/2	…………………		3	3	History of Jerusalem	403105	☐	☐
1/2	…………………		3	3	Islamic Culture	404100	☐	☐
	…………………		3	3	Physical Education	407100	☐	☐
Second Field: Social and Economical Sciences								
	…………………		3	3	Introduction to Sociology	405101	☐	☐
	…………………		3	3	Contemporary Issues	405102	☐	☐
	…………………		3	3	Introduction to Psychology	405104	☐	☐
	…………………		3	3	Principles in Education	407102	☐	☐
	…………………		3	3	Principles of Economics	505100	☐	☐
Third Field: Science, Technology, Agriculture and Health								
1/1	Pre Computer Skills		3	3	Computer Skills	102102	☐	☐
	…………………		3	3	The Science and Society	103100	☐	☐
	…………………		3	3	The Health and Life	105101	☐	☐
	…………………		3	3	Environment Science Fundamental	105100	☐	☐
	…………………		3	3	Herbal Medicine	110100	☐	☐
Second: Faculty Requirements (21) Credit Hours out of (27) recommended hours								
A) Mandatory Requirements 15 Credit Hours								
1/1	…………………		3	3	Calculus 1	101101	☐	☐
1/2	…………………		3	3	Statistics and Probability	101133	☐	☐
1/2	Computer Skills		3	3	Programming Language	102106	☐	☐
1/1	…………………		3	3	Discrete Structured	102120	☐	☐
1/2	Computer Skills		3	3	Information Technology and Society	107101	☐	☐
B) Electives 6 Credit Hours								
	Programming Language		3	3	Technical Writing and Prof.Practice	102234	☐	☐
	Dep,App.		3	3	Special Programming Language 1	102312	☐	☐
	……………………………..		3	3	General Chemistry1	104105	☐	☐
	Programming Language		3	3	Software Packages	107201	☐	☐
Third: Major Requirements (82) Credit Hours out of (100) recommended hours as follows:								
A) Mandatory Major Requirements 63 Credit Hours								
2/1	Programming Language	2	2	3	Object Oriented Programming	0108211	☐	☐
2/2	Object Oriented Programming	...	3	3	Data Structures & Algorithms	0108212	☐	☐

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2/2	Object Oriented Programming	2	2	3	Software Development	0108214	☐ ☐
2/1	I.T. & Society	...	3	3	Information Systems	0108221	☐ ☐
2/1	Programming Language	...	3	3	Introduction to Software Engineering	0108230	☐ ☐
2/2	Introduction to Software Engineering	...	3	3	Software Requirements	0108232	☐ ☐
3/1	Software Requirements	...	3	3	Software Design	0108236	☐ ☐
3/1	Object Oriented Programming	2	2	3	Multimedia Systems	0108256	☐ ☐
3/1	Information Systems	...	3	3	Communication Systems	0108262	☐ ☐
2/2	Introduction to Software Engineering	**...**	3	3	Human Computer Interaction	0108271	☐ ☐
2/2	Object Oriented Programming	2	2	3	Internet & Web	0108311	☐ ☐
3/1	Internet & Web	2	2	3	E-Commerce Systems	0108312	☐ ☐
3/1	Data Structures & Algorithms	2	2	3	Database Management Systems	0108239	☐ ☐
3/1	Introduction to Software Engineering	...	3	3	Software Modeling & Analysis	0108330	☐ ☐
3/2	Software Design	...	3	3	Software Validation & Verification	0108332	☐ ☐
3/2	Software Design	...	3	3	Software Quality Assurance	0108333	☐ ☐
3/2	Software Design	...	3	3	Software Project Management	0108336	☐ ☐
4/1	Software Validation & Verification	...	3	3	Object Oriented Software Engineering	0108337	☐ ☐
4/2	Object Oriented Programming	...	3	3	Software Reengineering & Maintenance	0108412	☐ ☐
4/1	Dep.App.	...	3	3	Field Training	0108490	
4/2	Dep.App.	...	3	3	Graduation Project	0108491	
B) Mandatory Major Supporting Requirements 10 Credit Hours							
	... ...	...	3	3	Set Theory	0101111	☐ ☐
	Communication Systems	...	3	3	Operating Systems	0102378	☐ ☐
	... ...	...	3	3	Physics for I.T.	0103106	☐ ☐
	Physics for I.T.	...	3	1	General Physics Lab for I.T.	0103107	☐ ☐
C) Major Electives 9 Credit Hours							
	Calculus 1	...	3	3	Liner Algebra 1	0101240	☐ ☐
	Set Theory	...	3	3	Number Theory	0101243	☐ ☐
	Calculus 1	...	3	3	Numerical Analysis 1	0101321	☐ ☐
	Communication Systems	...	3	3	Advanced Computer Networks	0102462	☐ ☐
	Communication Systems	...	3	3	Information Security	0107231	☐ ☐
	Dep.App	2	2	3	Selected Topics in Software Engineering	0108382	☐ ☐
	Object Oriented Programming	...	3	3	Distributed Systems	0108461	☐ ☐
	Object Oriented Programming	...	3	3	Real - Time Systems	0108462	☐ ☐
	Calculus 1	...	3	3	Computerized Control Systems	0108464	☐ ☐
Fourth: Free elective (3) Credit Hours (Student may choose any course from any course plan at the university unless the student had passed it.							