Philadilphia University   **Faculty of Information Technology**

Management Information Systems Department
Guidance Plan
(132 Credit Hours)
(2008 – 2009)

Year	Semester	Module Number	Module Title	Prerequisite	Types of Requirements
First	First (15 Credit Hours)	110101	Arabic Language Skills (1)	----	(UR)
		111101	National Education	----	(UR)
		130101	English Language Skills (1)	----	(UR)
		----	University Elective	----	(UR)
		750112	Programming Fundamentals	----	(FR)
	Second (18 Credit Hours)	----	University Elective	----	(UR)
		130102	English Language Skills (2)	130101	(FR)
		721120	Object-Oriented Paradigms	750112	(FR)
		731150	Introduction to Information Systems and Technology.	750112	(FR)
		330101	Introduction to Management	----	(SR)
		210105	General Mathematics for Administrative & Financial Sciences	----	(SR)
Second	First (18 Credit Hours)	------	University Elective	-----	(UR)
		731270	Introduction to Web Programming	750112	(FR)
		761211	Windows Programming	721120	(FR)
		210231	Introduction To Probability and Statistics	----	(SR)
		311101	Principles of Accounting 1/English	----	(SR)
		731212	Introduction to Data Structures and Algorithms	721120	(DR)
	Second (18 Credit Hours)	-----	University Elective	-----	(UR)
		111100	Military Sciences	-----	(UR)
		721240	Computing Ethics	731150	(FR)
		761272	Multimedia Systems	-----	(FR)
		731251	Information Systems Management	731150	(DR)
		760261	Database Fundamentals	731212	(DR)
Third	First (18 Credit Hours)	------	University Elective	-----	(UR)
		731313	Advanced Java Programming	721120	(DR)
		731331	Database Applications	760261	(DR)
		731332	Systems Analysis and Design	760261or con.	(DR)
		731371	E-Commerce	721120+731270	(DR)
		761340	Fundamentals of Computer Networks	731212	(DR)
	Second (15 Credit Hours)	731333	Object Oriented Databases	760261	(DR)
		731351	Information Systems Modeling	731332	(DR)
		731398	ʾPractical Training	Dept. Approval	(DR)
		732322	E-Marketing	731371	(DR)
		732361	Information System Projects Management	330101+731150	(DR)
Fourth	First (15 Credit Hours)	731421	Operations Research	210105+210231	(DR)
		731431	Data Warehousing and Data Mining	760261	(DR)
		731442	Principles of Operating Systems	761340	(DR)
		732373	Decision Support Systems	731332+732361	(DR)
		-----	Department Elective (1)	-----	(DR)
	Second (15 Credit Hours)	732481	Commercial Law for Informatics	731371	(SR)
		731451	Information Systems Security	731332	(DR)
		731463	knowledge Management	731332	(DR)
		731499	Research Project	731398	(DR)
		-----	Deprtment Elective (2)	------	(DR)

(UR) University Req.   **(FR) Faculty Req.**   **(DR) Dept. Req.**   **(SR) Supporting Req.**

Date: 13/01/2009