جامعـة الـزيتونــة الأردنيــة
Al-Zaytoonah University of Jordan
كلية الاعمال
Faculty of Business

" الريادة والأبداع في الأعمال "
"Entrepreneurship and Innovation in Business"

" عراقة وجودة"
"Tradition and Quality"

Brief course description- Course Plan Development and Updating Procedures\ Management Information System Department	QF05/0409-3.0E

Faculty	Business	Academic Department	Management Information Systems	Number of the course plan ( )
Number of Major requirement courses	25	Date of plan approval	30/08/2017	

This form is just for the major requirement courses

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506100	3	**Introduction to Management Information Systems**	--

This course describes business process & their relationship to IS, IS supporting the major business functions: sales, marketing, manufacturing ,production, finance & accounting. Explains how enterprise application and intranets promote business process integration performance. Describes the major types of computer-based information systems.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506111	3	**Advanced Management Information Systems**	Introduction to Management Information Systems

This course provides an overview of advanced MIS concepts using an integrate of framework for describing and analyzing information system. This framework depicts information system being composed of management, organization & technology elements. This view of information systems is reinforced in student projects & case studies

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506221	3	**Database Management Systems**	Advanced Management Information Systems

This course is designed for an introductory text in database management. It represents a theoretical & practical framework of modeling data in the organization, designing logical relational database, and using within business organization

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506222	3	**Systems Analysis and Design(1)**	Advanced Management Information Systems

The Objectives of this course are to learn & demonstrate an understanding of system analysis & design principles & concepts. Describe the major alternative methodologies used in developing information system. Analyze a business need for information & to develop an appropriate strategy to solve problems

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506231	3	**Business Application in the Internet**	--

The objectives are to describe what E-commerce is, how it is being conducted as well as to assess its major opportunities, limitations, issues & ,risks .Because E- commerce is an interdisciplinary field, it should be of interest to managers & business professional in any functional area of management

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506232	3	**E-commerce**	Business Application in the Internet

This course describes what e-commerce is and how it is conducted, as well as its assessment, identification of constraints, issues and risks. Because e-commerce is a multidisciplinary field, it should be of benefit to managers and professional business in any functional area of management.

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Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506233	3	**Enterprise resource planning ERP**	Programing Package

This course covers the integration of business processes within the company with external business partners. The course will explain the concept and linkages between business processes and how these links are supported through enterprise applications and the most important study of available ERP systems.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506311	3	**Computer programming for Business**	--

This course is designed for an introductory text in database management. It represents a theoretical & practical framework of modeling data in the organization, designing logical relational database, and using within business organization

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506312	3	**Advanced visual programming language for Business**	Computer programming for Business

Advanced visual basic provides an introduction to event driven programming in windows environment using visual basic. Further applications of programming techniques are provide. The student will develop well documented programs containing complex data structures and develop graphical user interface

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506323	3	**Advanced Database Management Systems**	Database Management Systems

This course covers relational database management systems using Oracle 10g and application development, which includes database management architectures for more than one user and SQL commands, configuring and updating database tables, building programs using PL / SQL, building Forms Builder and preparing database reports.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506324	3	**Systems Analysis and Design (2)**	Systems Analysis and Design (1)

The objectives of this course are to gain an appreciation for the scope of systems analysis & design in a business organization context. Produce the requisite systems documentation at each point in the analysis & design of information systems & to do so with clarity & completeness. Prepare & use various information gathering techniques for eliciting user information requirements and system expectations. Describe then major alternative methodologies used in developing IS and the consideration involved in choosing which methodology to use

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506331	3	**Multimedia Systems**	E-commerce

This course introduces digital media processing, in particular video production. It covers pre-production, production and post-production processes, focusing on key activities such as storyboarding, camera, lighting, sound, recording and digital editing. Students will learn both artistic expression and technical skills using digital equipment and software tools through hands-on digital video production practice. In addition, valuable technical details related to video and audio compression will be covered, and some information will be provided for marketing via digital means of media production.

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Course number	Credit hours	Title of the course	Prerequisite-co-requisite
05066333	3	**Networks for Business**	Database Management Systems

The objectives of this course are to provide basic knowledge to understand telecommunication & networks. And emphasizes hand-on skills to handle networks efficiently & effectively.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506341	3	**Programming Package**	Business statistics

This course covers some the most frequent applications of SPSS, importing data, basic data manipulation, descriptive analyses & displaying statistical data graphically, principal component analysis, factor analysis, hypothesis analysis, and analysis of variance linear & multiline AR regressions.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506435	3	**Information Security**	Networks for Business

This course objective is to define security and there solution techniques. It was created based on a common body of knowledge (CBK) that many security related individuals have a massed over years. The CBIT is continually updated to stay current in the rapidly changing atmosphere of information security.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506442	3	**Business Intelligence**	Advanced Management Information Systems

The objectives of this course are: to understand the concepts at AI and its role in Business, to realize the importance of knowledge, & to be familiar of AI applications.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506443	3	**Decision Support Systems**	Quantitative Methods In Management (1)

The objectives of this course are to learn basic concepts of decision-making, what role the web has played in the development, how DSS support decision making in practice & understand DSS configuration and to know the characteristics & capabilities of DSS. Also use spreadsheets in DSS modeling.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506461	3	**Field training**	After passing the student (90 hours)

The aim of this course is to enable students to enter the labor market in the future.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506462	3	**Graduation Project in Management Information Systems**	After passing the student (90 hours)

This course aims to enable the student to build a specific system or a project related to his / her specialty that combines business and information technology

Course number	Credit hours	Title of the course	Prerequisite-co-requisite

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0506313	3	**Selective topics in information systems**	--

This course covers selected topics in management information systems in keeping with the rapid development of the world in this subject

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506325	3	**Project management information system**	Systems Analysis and Design (2)

This course aims to introduce students to project management, project delivery, and dispute resolution and financing, which also affect project management. At present, the information available to the project manager is more recent than in the past, in addition to the rapid change of information technology

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506371	3	**Office Automation system**	--

This course introduces tools and how to do the following: The organizational and technical environment of the business describing a framework for presenting the work of the organization and describing the evolution of the organization using electronic management systems

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506372	3	**Operating system**	Advanced visual programming language for Business

This course helps students to identify the operating systems by describing the important role of these systems in managing the basic components and resources of the computer system and how it functions as a front between the user and the physical components of the computer and describing the basic concepts and algorithms related to operating systems which include introduction to operating systems, Operation, process management and scheduler on the processor, scheduling algorithms, main memory management and virtual memory input and output management, file handling and management, deadlock and how to handle it.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
0506373	3	**Electronic business**	Multimedia Systems

This course covers technical and commercial aspects related to electronic commerce. And also enable students to track the development of electronic business and understand the basic requirements for starting an online business.

Course number	Credit hours	Title of the course	Prerequisite-co-requisite
05066446	3	**Data analysis**	Business Intelligence

The aim of this course is to give students an advanced overview of the latest techniques in data analysis.

Approved by department council		Date of approval	