



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

جامعة الزيتونة الأردنية
Al-Zaytoonah University of Jordan
كلية الأعمال
Faculty of Business



"عراقة وجودة"
"Tradition and Quality"

	Detailed Course Description - Course Plan Development and Updating Procedures/ Management Information System Department	QF05/0408-3.0E
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Faculty	Business	Department	Management Information System
Course number	0506233	Course title	Enterprise Resource Planning ERP
Number of credit hours	3	Pre-requisite/co-requisite	Programing package

This course helps students understand integration of the business processes within a firm and between a firm and its external business partners. The course will conceptually explain the linkages between business processes and how these linkages are supported by enterprise applications and most importantly ERP systems. Case studies are included throughout to provide a balance of theory and practice.

Course goals and learning outcomes	
Goal 1	Introducing the concepts of Enterprise Integration and Enterprise Resource Planning (ERP) systems.
Learning outcomes	1.1 Understanding the information systems evolution and its historical role in organization leading to system integration and Enterprise Resource Planning (ERP). 1.2 Knowing about ERP system. 1.3 Learning about the evolution, components and architecture of ERP systems.
Goal 2	Explain the importance of ERP systems.
Learning outcomes	2.1 Understanding the benefits of implementing ERP systems. 2.2 Understanding the drawbacks of implementing ERP systems. 2.3 Learning how ERP systems can help an organization improve its efficiency and worker productivity.
Goal 3	Build a new environment for enterprise systems (systems integration).
Learning outcomes	3.1 Understanding the impact of organizational structure of information systems. 3.2 Knowing what systems integration is and why it is important for organizations. 3.3 Understanding the role of ERP systems in systems integration.
Goal 4	Understand Enterprise system Architecture.
Learning outcomes	4.1 Understanding the effects of a well-designed architecture on ERP implementation. 4.2 Knowing the various types of ERP architecture and the related benefits and drawbacks of each architecture. 4.3 Knowing about cloud architecture and its impact on ERP systems.
Goal 5	Define the development life cycle of ERP systems.
Learning outcomes	5.1 Being able to review the system development life cycle (SDLC). 5.2 Examining the problems and alternatives with SDLC. 5.3 Understanding ERP implementation life cycle. 5.4 Comparing SDLC and ERP life cycles.
Goal 6	To learn ERP implementation strategies
Learning outcomes	6.1 Acquiring a greater knowledge base of ERP components and how they work together to support business.. 6.2 Appreciating the impact of an ERP implementation on platform components. 6.3 Understanding implementation approaches.
Goal 7	Learn how to change the organizational environment before implementing ERP systems.



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Learning outcomes	8.1 Understanding the organization environment. 8.2 Being able to change the organizational environment before implementing ERP systems..
Textbook	Motiwalla & Thompson (2012). Enterprise Systems for Management, 2 nd edition, Prentice Hall.
Supplementary references	Ellen Monk and Bret Wagner (2013), Concepts in Enterprise Resource Planning, 4 th edition, Copyright material.

Course timeline

Week	Number of hours	Course topics	Pages (textbook)	Notes
01	1 1 1	Introduction to Enterprise Systems for Management	23-56	1
02	1 1 1	Systems Integration	57-78	1,2
03	1 1 1	Enterprise Systems Architecture	79-109	3,4
04	1 1 1	ERP Development Life Cycle	110-160	4
05	1 1 1	Implementation Strategies for ERP Systems	189-211	5,6
06	1 1 1	Software and Vendor Selection	212-246	9
07	1 1 1	Operational and Post-Implementation	247-263	7,8
08	1 1 1	Program and Project Management	264-287	10
09	1 1 1	Organizational Change and Business Process re-engineering (BPR)	324-352	8
10	1 1 1	Supply Chain Management	353-374	11
11	1 1 1	Customer Relationship Management	Practical	11



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12	1 1 1	Case Studies	Practical	8-11
13	1 1 1	Case Studies	Practical	8-11
14	1 1 1	Case Studies	Practical	8-11
15	1 1 1	Lab "ERP Software Training"	Practical	8-11
16	1 1 1	Lab "ERP Software Training"	Practical	8-11

Theoretical course evaluation methods and weight	Participation = 10% First exam 20% Second exam 20% Final exam 50%	Practical (clinical) course evaluation methods	Semester students' work = 50% (Reports, research, quizzes, etc.) Final exam = 50%
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Approved by head of department		Date of approval	
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Extra information (to be updated every semester by corresponding faculty member)

Name of teacher	Dr. Qeethara Al-Shayea	Office Number	260
Phone number (extension)	142	Email	drqeethara@zuj.edu.jo
Office hours	9-10 9:30:10:30		