KINGDOM OF SAUDI ARABIA
IMAM MOHAMMAD IBN SAUD ISLAMIC UNIVERSITY
COLLEGE OF COMPUTER AND INFORMATION SCIENCES
INFORMATION SYSTEMS DEPARTMENT
BACHELOR IN INFORMATION SYSTEMS

المملكة العربية السعودية
جامعة الإمام محمد بن سعود الإسلامية
كلية علوم الحاسب والمعلومات
قسم نظم المعلومات
بكالوريوس نظم المعلومات

SYLLABUS

IS 451

PREREQUISITE	IS 335 ACC 100		CREDIT HOURS	3 (2+2)

Instructor: Dr. Modhi Al Alshaikh
Contact information and office hours

Office No: 4A-236

Office Hours: 12 – 1:25 PM every day

E-mail: masheikh@imamu.edu.sa

COURSE DESCRIPTION

Modern enterprise software requires integrated data, real-time access, industry best practices and a focus on cross-functional processes. This course is about ERP systems, the information systems paradigm of organizational computing today. This course will cover the topics that students need in order to understand all the important facets of ERP systems including: planning, package selection, and implementation issues, and core functionality, technical architecture, security and risk.

COURSE LEARNING OUTCOMES (CLOs)		Aligned SOs
1	**Knowledge and Understanding**	
1.1	Identify ERP systems and technologies	1(P)
1.2	Compare process reengineering and ERP	6(P)
1.3	Discuss activities that take place in the ERP Life Cycle	6(P)
1.4	Recognize Enterprise Integration using ERP Systems	2(P)
2	**Skills :**	
2.1	Design a business System using ERP software.	2(P)
2.2		
2.3		
3	**Values:**	
3.1	Function effectively on teams to accomplish a common goal.	5(P)

3.2	Present a topic in a compelling manner.	3(P)
3.3		

TEACHING Strategies
Class Lectures *Class Discussion* *Self-learning*

No	List of Topics	Contact Hours
1	Introduction to Enterprise Resource Planning Systems	*4*
2	ERP Systems and their Applications within Organization	*4*
3	Benefits and Costs of Implementing ERP Systems	*4*
4	ERP System Life Cycle and its Selection Process	*4*
5	Enterprise Integration using ERP Systems	*4*
6	ERP Systems Support for Different Business Processes	*4*
7	Best Practices in ERP Systems	*4*
8	Management of ERP System in Local and Global Context	*6*
9	SAP or Oracle Suit: Introduction, Sales Management, CRM, Purchase, Manufacturing, Accounting, Finance and HR	*14+8*
Total		48+8(SL)

TEXT BOOK
● *Modern ERP: select, implement & use today's advanced business systems, Marianne Bradford, 2nd edition, 2009, ISBN-13, 9780557434077* ● *Business Process Integration with SAP ERP Kindle Edition by Simha Magal , Jeffrey Word .*

REFERENCES
NA.

Course Assessment Methods			
No	Assessment Method	Due Week	%Total Assessment
1	**Quiz**	3	10
2	**Assignment**	5	10
3	**Midterm**	8	20
4	**Project / Lab Exam**	12	20
5	**Final Exam**	13	40