



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

IS1310: Enterprise Architecture

CREDIT HOURS	3 credit hours (Lectures: 3)	PREREQUISITE	IS1340
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Instructor:
Contact information and office hours
Office No: To be announced (TBA)
Office Hours: TBA
E-mail: _____@imamu.edu.sa

COURSE DESCRIPTION	
<p>The target of the course is to introduce concepts related to Enterprise Architecture (EA). In this context, issues like EA technologies, activities performed during implementation of EA systems will be discussed. Students also hone their ability to communicate technology architecture strategies concisely to a general business audience.</p>	

COURSE LEARNING OUTCOMES (CLOs)		Aligned SOs
1	Knowledge and Understanding	
1.1	Define the fundamental concepts of Enterprise Architecture (EA).	1(P)
1.2	Describe a variety of frameworks for enterprise architecture analysis and decision making	1(P)
1.3	Describe how is EA developed.	1(I)
1.4		
1.5		
2	Skills :	



2.1	Summarize current techniques, skills and tools necessary for developing EA.	6(P)
2.2	Analyze how business are choosing an EA framework.	6(P)
2.3		
2.4		
2.5		
3	Values:	
3.1	Work effectively in groups and exercise leadership when appropriate	5(P)
3.2	Communicate effectively in oral and written form	3(I)
3.3		
3.4		
3.5		

TEACHING Strategies
Lectures Self-Learning

N o	List of Topics	Contact Hours	Self- Learning
1	Introduction to Enterprise Architecture	3	
2	Value / Risk of Creating an Enterprise Architecture	3	
3	EA Frameworks	6	2
4	The Implementation Methodology	6	2
5	EA Documentation Process	3	
6	EA Components and Artifacts	3	
7	Building and Maintaing EA	6	2
8	The Role of Security and Privacy	3	
9	Project Discussions	3	
10			
11			
12			
Total		36	6

TEXT BOOK
An Introduction to Enterprise Architecture: Third Edition Paperback – August 13, 2012, by Scott A. Bernard.

REFERENCES



Not applicable

Course Assessment Methods			
No	Assessment Method	Due Week	% of Total Assessment
1	Quiz	4	10
2	Assignment	9	10
3	Midterm	7	20
4	Project / Lab Exam	11	20
5	Final Exam	13	40