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

IS1345: Emerging Technologies

CREDIT HOURS	3 credit hours (Lectures: 3)		PREREQUISITE	IS1240 – IT Infrastructure

Instructor:
Contact information and office hours
Office No: To be announced (TBA)
Office Hours: TBA
E-mail: _____ @imamu.edu.sa

COURSE DESCRIPTION
The aim of this course is to introduce students the knowledge of the processes, methods, techniques and tool that organizations use to manage their information systems related emerging technologies needs along with different related methods, techniques and tools.

	COURSE LEARNING OUTCOMES (CLOs)	Aligned SOs
1	**Knowledge and Understanding**	
1.1	Recognize the fundamental definitions and terminology of the subject area	1(I)
1.2		
1.3		
1.4		
1.5		
2	**Skills :**	
2.1		
2.2		
2.3		
2.4		

2.5		
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		
3.4		
3.5		

TEACHING Strategies
Lectures Self-Learning

No	List of Topics	Contact Hours	Self-Learning
1	Digital Transformation Overview	3	
2	Cloud Computing Basics	9	
3	Azure Cloud Services	3	2
4	Introduction to AI	9	
5	IoT Overview	6	
6	Block-chain Technology and Microsoft Azure	3	2
7	Project Discussions	3	2
8			
9			
10			
11			
12			
Total		**36**	**6**

TEXT BOOK
Digital Transformation using Emerging Technologies: A CxO's Guide to Transform your Organization, 2021 by Fawad A. Khan (Author), Jason M. Anderson

REFERENCES
N/A

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