



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 1488: *Selected Topics in FinTech.*

PREREQUISITE	IS 1250	CREDIT HOURS	3
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Instructor: TBA	
Contact information and office hours	
Office No:	TBA
Office Hours:	TBA
E-mail:	TBA

COURSE DESCRIPTION
Digital transformation of business in IS environment has opened many opportunities and a tech-based mindset is required to formulate strategies that helps to grow business in new era. A successful strategist needs a strong, innovative, effective management and entrepreneurial approach that can take risks. A good strategy can enable an organization to transform the way how different products and services especially in domain of finance are delivered thus leading in large market gain. This course will help students to learn the global developments in context of progress in financial technologies, information systems and digital transformation. The discussion of reasons behind these developments will help students to understand how good strategies in this digital era can help an organization to grow in the competitive environment.

COURSE LEARNING OUTCOMES (CLOs)		Aligned SOs
1	Knowledge and Understanding	
1.1	Define different concepts related to tech-based strategy for business.	1 (P)
1.2	Recognize available technology's functions for different business solutions.	1 (P)
2	Skills :	
2.1	Analyze an existing business system in context of finding tech-based opportunity	1 (P)
2.2	Compare different tech-based solution's performance in different disciplines especially in financial sector.	1 (P)
2.3	Design strategy for business using existing technologies	2 (P)
3	Values:	



3.1	Communicate tech-based strategy to stakeholders effectively.	3 (P)
3.2	Demonstrate ethic-based mindset while designing tech-based strategy for business.	4 (P)

TEACHING Strategies
Lectures Self learning

List of Topics to be Covered

No	List of Topics	Contact Hours
1	The birth of digital transformation era	3
2	Information systems for digital transformation	3+3
3	Digital transformation in financial world: Financial technology	6
4	Technology as a resource for transformation of different disciplines including finance	6
5	Entrepreneurship in the digital era	3
6	Exploring and exploiting opportunities in digital era using tech-based strategies	6+3
7	Broad outcomes of technologies in human lives	6
8	Project	3
Total		36+6(SL)

TEXT BOOK
<ul style="list-style-type: none"> FinTech Strategy-Linking Entrepreneurship, Finance, and Technology by Pável Reyes-Mercado ISBN 978-3-030-53944-3.

REFERENCES
<p><i>Information Systems Management, 8th edition, 2014, Authors: Barbara McNurlin, Ralph Sprague, Tang Bui, ISBN: 978-1-292-02354-0, Publisher: Pearson</i></p> <p><i>The strategic management of information systems: Building a digital strategy, Peppard, J & Ward, J, 4th edition, 2016, ISBN-13 : 978-0470034675</i></p> <p><i>The Digital Transformation Playbook: Rethink Your Business for the Digital Age, David L. Rogers, Columbia Business School Publishing; Illustrated edition (April 5, 2016), ISBN-13 978-0-231170449 :</i></p>

Course Assessment Methods			
No	Assessment Method	Due Week	%Total Assessment
1	Quiz	4	10
2	Assignment	9	10
3	Midterm	7	20
4	Project / Lab Exam	12	20
5	Final Exam	13	40