



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

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

SYLLABUS

Course Code: IS6231 Course Name: Supply Chain Management

CREDIT HOURS	4
---------------------	---

PREREQUISITE	None
---------------------	------

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

COURSE DESCRIPTION
The course broadens the learner's understanding of the fundamentals of the Supply Chain Management process, supply chain strategies, and the way these strategies need to be aligned to organizational goals and objectives. It gives an idea about the role of information technology in supply chain management and Enterprise Resource Planning (ERP). Further, it provides an overview of Logistics and Procurement Management, the challenges faced, and its plans and processes.

COURSE LEARNING OUTCOMES (CLOs)		Aligned SOs
1	Knowledge and Understanding	
1.1	Outline the fundamental concepts of supply chain management.	K1
1.2	Describe the discipline and methodology of supply chain management	K2
1.3	Review state of art researches to comprehend modern developments in supply chain management.	K3



2	Skills :	
2.1	Perform research to identify gaps in existing and standard systems in the field of supply chain management.	S1
2.2	Utilize advanced IS skills to develop innovative solutions for supply chain management of an enterprise.	S2
2.3	Align information systems planning with supply chain management strategy and operations	S3
2.4	Utilize the technology needed to meet the organizational goals for supply chain management.	S4
3	Values:	
3.1	Demonstrate professionalism and responsibility for maximum impact to achieve desired goal.	V1
3.2	Write course project reports abiding all ethical standards using leadership and management talents.	V2
3.3	Function effectively individually as well as on teams to accomplish a common goal	V3

TEACHING Strategies
Class lectures, Assignment, Project explanation session.

N o	List of Topics	Contact Hours	Self- Learning
1	Key concepts of supply chain management	8	
2	Supply chain operations: planning and strategy	4	
3	Supply chain operations: making and delivering	4	
4	New technology changes : how work is done	4	
5	Metrics for measuring supply chain performance	4	
6	Supply chain coordination	4	
7	Supply chain innovation for the real-time economy	4	
8	Defining supply chain opportunities and competitive advantage	4	
9	Project presentations	4	
Total		40	

TEXT BOOK
Essentials of Supply chain Management, 4th edition; Michael H. Hugos; 2018

REFERENCES



- Supply Chain Management: Strategy, planning and Operation; Global Edition (5th edition) by Sunil Chopra and Peter Meindl
- Fundamental of Supply Chain Management @2011 Dr. Dawei Lu and Ventus Publishing ApS ISBN 978-87-7681-5

Course Assessment Methods			
No	Assessment Method	Due Week	% of Total Assessment
1	Quizzes	3	10
2	Assignments	5	10
3	Midterm	8	20
4	Project	10	20
5	Final Exam	11	40