The University of Jordan
School of Engineering
Industrial Engineering Department
Spring 2019

Course name:	Logistics and Supply Chain Management			
Course code:	0906525			
Credits hours	3			
Contact hours/room:	Sun Tue Thu 10:00 – 11:00			
Course instructor's name, E-mail, and phone:	Mohammad Shbool, Ph.D. m.shbool@ju.edu.jo 22782			
Course Coordinator:	Mohammad Shbool, Ph.D.			
Text book:	*Introduction to Logistics Systems Planning and Control*, Ghiani, G., Laporte, G., Musmanno, R., (2004), John Wiley & Sons.			
Other reference(s):	Handouts and additional readings			
Course Description:	Analytic tools and their design, factory logistics management, forecasting methods, materials management algorithms, transportation management, transportation planning and scheduling. Design of supply chains.			
Providing Department:	Industrial Engineering			
Prerequisite Course:	Production Planning and Control (0906421)			
Course type	Elective			
Assessment Methods:	**Method**		**Weight %**	**Date**
	Mid-term Exam		30%	7/3/2019
	Second Exam		30%	8/4/2019
	Term Project			
	Final Exam		40%	TBD
Course Learning Outcomes:	#	**After successful completion of this course, the student will be able to**		**SO**
	CLO1	Understand the basic concepts in Logistics and supply chain		
	CLO2	Be able to recognize and classify problems according to the three decision levels in supply chain: Strategic, tactical, and operational		
	CLO3	Be aware of the four decision areas in supply chain: location, production, inventory, and transportation		
	CLO4	Understand and solve short-haul logistics problems		
	CLO5	Understand and solve long-haul logistics problems		

	# of Weeks	Reading Material	Topic
Brief list of topics			Logistics systems and their components
			Transportation Market
			Short-haul freight transportation
			Long-haul freight transportation
			Logistics network design
Important Notes:	• Class-notes, in-class drills and any handout you receive from the instructor are required as part of the course. • Do not hesitate to ask questions • You are required to bring a notebook and take notes in classes. • Students are expected to attend every class session and they are responsible for all material, announcements, schedule changes, etc., discussed in class. • Discuss the assignments among yourselves • Don't Cheat; direct copying of others work will NOT be allowed or tolerated and will result in a reduction of grade. If you are found to be cheating in any way, on an exam or assignment, even signing the roll sheet for another student, you will be given an "F" for the course. There will be no exceptions. • All cases of academic dishonesty will be handled in accordance with university policies and regulations. JU policy requires the faculty member to assign ZERO grade (F) if a student misses 15% of the classes that are not excused, and 20% of the classes that are excused • Students are expected to be ready to take a quiz any time they have a class. There will be no make-up quizzes or home works. • Any students with disabilities who need accommodations in this course are encouraged to speak with the instructor as soon as possible to make appropriate arrangements for these accommodations.		

The B.Sc. in industrial Engineering program enables students to achieve, by the time of graduation the following program learning outcome (SOs)			
a	*An ability to apply knowledge of mathematics, science and engineering.*	*g*	*An ability to communicate effectively.*
b	*An ability to design and conduct experiments, as well as to analyze and interpret data.*	*h*	*An ability to understand the impact of engineering solutions in a global, economic, environmental and societal context.*
c	*An ability to design a system, component, or process to meet desired needs within realistic constraints.*	*i*	*An ability to engage in life-long learning.*
d	*An ability to function productively as part of multidisciplinary teams and show leadership qualities.*	*j*	*An ability to acknowledge contemporary issues related to the discipline.*
e	*An ability to identify, formulate and solve engineering problems.*		
f	*An ability to understand professional and ethical responsibilities.*	*k*	*An ability to use techniques, skills and modern engineering tools necessary for engineering practice.*