

<p style="text-align: center;"><b>ISTANBUL SEHIR UNIVERSITY</b>  <b>SYLLABUS</b>  <b>IE 462/552 - Logistics and Supply Chain Management</b>  <b>2015 Fall Semester</b></p>								
Course Code	Course Name	Course Type	Weekly			Credits	ECTS	Weekly Class Schedule
			T	A	L			
IE 462/552	Logistics and Supply Chain Management	Elective	3	0	0	3	5	Wed 16:00-17:00 Fri 15:00-17:00
Prerequisite	Senior students can take this course							
Lecturer	Murat Kucukvar	Office Hours Schedule		By appointment				
E-mail	<a href="mailto:muratkucukvar@sehir.edu.tr">muratkucukvar@sehir.edu.tr</a>		Office / Room No		Altunizade East (104)			
Phone	9256							
Course Objectives	This course focuses on the development and application of decision models in supply chains with emphasis on supply network design, logistics, and sustainability. In this course, the students will learn the basics of the supply chain management. The topics will include (a) understanding the supply chain management and performance metrics (b) network design in supply chain (c) transportation and logistics (d) global supply chain networks, and (e) sustainability and supply chain.							
Textbook	1. Chopra, S., and Meindl, P. Supply Chain Management: Strategy, Planning, and Operation, 5th Ed., Prentice Hall							
Learning Outcomes	After successful completion of the course, the student will be able to:							
	1	understand the basics of supply chain management and main drivers						
	2	use various techniques and software to measure supply chain performance						
	3	learn micro and macro level impacts of companies' supply chain operations						
	4	understand the economic, social and environmental impacts of supply chain processes						
5	develop effective team work, field research, report writing, communication and presentation skills.							
Teaching Methods	Class discussions with examples. Active tutorial sessions for engaged learning and continuous feedback on progress. Team assignments, and a term project conducted in a real organization will help students acquire the skills intended.							
WEEK	TOPIC					REFERENCE		
Week 1	Understanding the Supply Chain					Chapter 1 and lecture notes.		
Week 2	Supply Chain Performance: Achieving Strategic Fit and Scope					Chapter 2 and lecture notes.		
Week 3	Supply Chain Drivers and Metrics					Chapter 3 and lecture notes		
Week 4	Network Design in Supply Chain					Chapter 4 and 5 and lecture notes		
Week 5	Transportation & Logistics in a Supply Chain					Chapter 14 and lecture notes.		
Week 6	Designing Global Supply Chain Networks					Chapter 6		
Week 7	MIDTERM WEEK					Review Session		
Week 8	Sustainability and Supply Chain					Chapter 18 and lecture Notes		
Week 9	Economic Models in Supply Chain Management					Lecture Notes		
Week 10	Environmental, Economic and Social Performance Assessment in Supply Chain Management					Lecture Notes		
Week 11	Multi-Region Supply Chain Sustainability Assessment Models					Lecture Notes		
Week 12	Decision Making Models in Supply Chain Management					Lecture Notes		
Week 13	Term Project Presentations							
Week 14	Term Project Presentations							
Assessment Methods and Criteria	Evaluation Tool		Quantity	Weight (%)				
	Final Exam		1	40				
	Semester Evaluation			60				
	Midterm Exam		1	20				
	Term Project (team work)		1	20				
	Assignments		4	10				
Case studies and Quizes		4	10					
*** ECTS Credit Calculation ***						Language of Instruction: English		
Activity	Hours	Weeks	Student Workload Hours	Activity	Hours	Weeks	Student Workload Hours	
Lecture hours	3	14	42.0	In-term exam study	12	1	12.0	
Assignments	4	6	24.0	Final exam study	15	1	15.0	
Term project	10	2	20.0	Home study	1	12	12.0	
						Total Workload Hours =		
						125.0		
						Recommended ECTS Credit =		
						5		