

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ML523	Logistics Planning and Supply Chain Management	1	3	0	0	3	6

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	This course will provide students with the knowledge and the tools necessary to develop, implement, and sustain strategies for planning logistics activities and managing supply chain.
Content	<p>Week 1: Logistics planning and its activities</p> <p>Week 2: Managing the supply chain, the key principles and strategies; Supply Chain Operation Reference Model (SCOR)</p> <p>Week 3: Planning and design of the supply chain</p> <p>Week 4: Managing inventory in the supply chain and integrated supply chain management</p> <p>Week 5: Purchasing Strategies, outsourcing logistics activities (3PL), supplier relationship management</p> <p>Week 6: Coordinated product design and supply chain</p> <p>Week 7: Value of information in the supply chain, Bullwhip Effect</p> <p>Week 8: Midterm</p> <p>Week 9: Value of customers, customer relationship management</p> <p>Week 10: Integrating supply chain and strategic alliances</p> <p>Week 11: Quality and Performance Management in the supply chain</p> <p>Week 12: Risk and security management in the supply chain</p> <p>Week 13: Design and management of global supply chains</p> <p>Week 14: Presentation of students' projects</p>
References	<p>1. Simchi-Levi, D., Kaminsky, P., and Simchi-Levi, E., Designing and Managing the Supply Chain: Concepts, Strategies, and Cases, McGraw-Hill, (second edition), 2003.</p> <p>2. Chopra, S., Meindl, P., Supply Chain Management: Strategy, Planning and Operations, Prentice Hall, 5 edition, 2012.</p>

Theory Topics

Week	Weekly Contents
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