

## Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ML530	Logistics 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	Traditionally, logistics is defined as the regulation of the movement of goods, services, information, and people from a point of origin to a point of consumption. With the rapid advancement of technology, the scope of logistics has also increased significantly in the last half century. In fact, logistics costs are estimated to account for one-third of the total cost of doing business. Therefore, effective logistics management is critical to the success of the company. This course provides an introduction to logistics and distribution management and provides students with detailed information about logistics management, transportation, inventory, and distribution systems.
Content	
References	<ol style="list-style-type: none"><li>1. Simchi-Levi D., Kaminsky P., Simchi-Levi E., "Designing &amp; Managing the Supply Chain: Concepts, Strategies and Case Studies", 4. Baskı, McGraw-Hill, 2021.</li><li>2. Langley C.J., Novack R.A., Gibson, B.J. &amp; Coyle, J.J., "Supply Chain Management: A Logistics Perspective", 11. Baskı, Cengage, 2021.</li><li>3. Chopra S., "Supply Chain Management: Strategy, Planning and Operation", 7. Baskı, Pearson, 2019.</li><li>4. Christopher M., "Logistics and Supply Chain Management", 5. Baskı, Pearson, 2016.</li><li>5. Ballou, R.H., Business Logistics/Supply Chain Management, 5th ed., Prentice Hall, 2003.</li><li>6. Murphy, P.R. &amp; Wood, D.F., Contemporary Logistics, Prentice Hall, New Jersey, 2004.</li></ol>

## Theory Topics

Week	Weekly Contents
1	Introduction to Logistics and Supply Chain Management
2	Strategies for L&SCM
3	Product and Customer in L&SCM
4	Supply and Demand Planning for L&SCM
5	Stock Management and Policies for L&SCM
6	Transportation and Transportation Decisions for L&SCM
7	Facility Planning and Network Design for L&SCM
8	Information Sharing and Information Systems for L&SCM
9	Midterm Exam
10	Case Study
11	Case Study
12	Case Study
13	Case Study

Week	Weekly Contents
14	Case Study