

## Content

| Course Code | Course Name          | Semester | Theory | Practice | Lab | Credit | ECTS |
|-------------|----------------------|----------|--------|----------|-----|--------|------|
| Mİ620       | Logistics Management | 2        | 3      | 0        | 0   | 3      | 6    |

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|------------------------|--|
| Prerequisites          |  |
| Admission Requirements |  |

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| Language of Instruction | Turkish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Course Type             | Elective                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Course Level            | Masters Degree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Objective               | Traditionally, logistics means the organized movement of goods, services, information and people from the point of origin to the point of consumption. The scope of logistics has been growing rapidly since the last few decades with the advance of technology. It has also been estimated that logistics costs account for one third of the cost of doing business. Effective logistics management is hence crucial for the success of the company. This course provides an introduction to logistics and distribution management and aims at providing students with a full understanding of business logistics management, transport, inventory and distribution systems.                                                                                                                  |
| Content                 | Introduction to Logistics Management, Logistics Strategies and Planning, Product and Customer Services in Logistics, Demand Forecasting in Logistics, Inventory Management and Policies in Logistics, Transportation in Logistics, Distribution Network Designs in Logistics, Information Sharing and Systems in Logistics, Case Studies and Presentations                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| References              | <ol style="list-style-type: none"><li>1. Ballou, R.H., Business Logistics/Supply Chain Management, 5th ed., Prentice Hall, 2003.</li><li>2. Chopra, S. &amp; Meindl, P., Supply Chain Management: Strategy, Planning and Operations, 5th ed., Prentice Hall, 2012.</li><li>3. Murphy, P.R. &amp; Wood, D.F., Contemporary Logistics, Prentice Hall, New Jersey, 2004.</li><li>4. SimchiLevi, D., Kaminsky, P. &amp; SimchiLevi, E., Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies, McGrawHill/Irwin, Boston, 2003.</li><li>5. Stock R. J. &amp; Lambert M.D., Strategic Logistics Management, 4th Ed., McGrawHill/Irwin, 2001.</li><li>6. Lambert M. D., Stock R.J. &amp; Ellram M.L., Fundamentals of Logistics Management, McGrawHill/Irwin, 1998.</li></ol> |

**Theory Topics**

| Week | Weekly Contents                                          |
|------|----------------------------------------------------------|
| 1    | Introduction to Logistics Management                     |
| 2    | Logistics Strategies and Planning                        |
| 3    | Product and Customer Services in Logistics               |
| 4    | Demand Forecasting in Logistics                          |
| 5    | Inventory Management and Policies in Logisitics          |
| 6    | Transportation in Logistics                              |
| 7    | Distribution Network Designs in Logistics                |
| 8    | Information Sharing and Information Systems in Logistics |
| 9    | Midterm                                                  |
| 10   | Case Studies and Presentations                           |
| 11   | Case Studies and Presentations                           |
| 12   | Case Studies and Presentations                           |
| 13   | Case Studies and Presentations                           |
| 14   | Case Studies and Presentations                           |