

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
SUPPLY CHAIN MANAGEMENT	HVY4171030	Fall Semester	3+0	3	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Gonca Reyhan AKKARTAL				
Name of Lecturer(s)	Assist.Prof. Seil ŐENEL UZUNKAYA				
Assistant(s)					
Aim	Teaching basic concepts to understand and manage the supply chains. Beside that to convey the applications of these concepts with case examples from Turkish and Worldwide companies. Also Learning the techniques and tools used in the sector and to work more effectively in the supply chain field.				
Course Content	This course contains; Understanding the Supply Chain and Decision Phases,Sustainable Supply Chain and Pricing Strategies,Supply Chain Drivers and Metrics,Designing Global Supply Chain and Demand Forecasting,Designing Distribution Networks and Applications to online Sales,Aggregate Planning in a Supply Chain and Coordination,Supply and Demand Planning in a Supply Chain for Sales and Operations,Managing Economies of Scale in a Supply Chain: Cycle Inventory,Managing Uncertainty in a Supply Chain: Safety Inventory,Determining the Optimal Level of Product Availability,Transportation in a Supply Chain,Sourcing Decisions in a Supply Chain,Pricing and Revenue Management in a Supply Chain,Information Technology in a Supply Chain.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1. Will be able to understand integration and collaboration.			10, 16, 9	A	
1.1. Understands Supply Chain Strategy and Processes			10, 16, 9	A	
2. Will be able to explain how supply chain processes are interconnected and integrated.			10, 16, 9	A	
2.1. Emphasizing the importance of cooperation and communication; Explains how to establish collaboration between stakeholders within and outside the supply chain			10, 16, 9	A	
2.2. Performs cost analysis and tracking			10, 16, 9	A	
3. Will be able to explain various strategies that can be used to reduce operating costs.			10, 16, 9	A	
3.1. Examines applicable methods to increase efficiency and minimize idle resources.			10, 16, 9	A	
3.2. Discusses logistics cost planning and budgeting processes.			10, 16, 9	A	
4. Will be able to distinguish transportation management strategies and transportation types.			10, 16, 9	A	
4.1. Has the ability to analyze and optimize distribution processes.			10, 16, 9	A	
4.2. Distinguishes the cost components of logistics activities.			10, 16, 9	A	
5. Will be able to follow logistics technologies.			10, 16, 9	A	
5.1. Becomes familiar with the technologies and software used in logistics.			10, 16, 9	A	
5.2. Evaluates the impact of automation on logistics processes.			10, 16, 9	A	
5.3. Discusses the environmental impacts of logistics and sustainability issues.			10, 16, 9	A	
Teaching Methods	10: Discussion Method, 16: Question - Answer Technique, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequenc e	Topics	Preliminary Preparation			
1	Understanding the Supply Chain and Decision Phases				
2	Sustainable Supply Chain and Pricing Strategies				
3	Supply Chain Drivers and Metrics				
4	Designing Global Supply Chain and Demand Forecasting				
5	Designing Distribution Networks and Applications to online Sales				
6	Aggregate Planning in a Supply Chain and Coordination				
7	Supply and Demand Planning in a Supply Chain for Sales and Operations				
8	Managing Economies of Scale in a Supply Chain: Cycle Inventory				
9	Managing Uncertainty in a Supply Chain: Safety Inventory				
10	Determining the Optimal Level of Product Availability				
11	Transportation in a Supply Chain				
12	Sourcing Decisions in a Supply Chain				
13	Pricing and Revenue Management in a Supply Chain				
14	Information Technology in a Supply Chain				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
1- S. Chopra, P. Meindl, (Ekim 2017), Translation: Do. Dr. Emrah Bulut "Supply Chain Management: Strategy, Planning and Operation" Pearson, Nobel Academic Publishing, 6. Edition, 978-605-320-674-3.
2- Mehmet TanyaŐ, Murat Düzgün (2017), "Supply Chain Management - Best Practices", Translation, Nobel Academic Publishing, 978-605-133-913-9.Do. Dr. Hakan Keskin, "Supply Chain Management: Background, development and Updated Applications", Nobel Academic Publishing, 2015, 978-605-320-070-3.