OSTIM TECHNICAL UNIVERSITY
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES
BUSINESS ADMINISTRATION DEPARTMENT
COURSE SYLLABUS FORM

ITF 304 Logistics and Supply Chain Management							
Course Name	**Course Code**	**Period**	**Hours**	**Application**	**Laboratory**	**Credit**	**ECTS**
Logistics and Supply Chain Management	ITF 304	3	3	0	0	3	4

Language of Instruction	English
Course Status	Compulsory
Course Level	Bachelor
Learning and Teaching Techniques of the Course	Lecture, Discussion, Question-Answer,

Course Objective

The course focuses on the students' understanding of the conceptual structure, basic principles and operational processes of logistics and supply chain management, the design of global supply chain network structures, and the current forms. The aim of this course is to provide students with an overview of how to use solution methods in potential problems related to supply chains.

Learning Outcomes

Students who successfully complete this course;

1. Analyzes complex problems in logistics and supply chain.
2. Have a well-equipped knowledge of industry-related logistics and SCM market leaders, professional organizations and current developments
3. Understands and uses coordination mechanisms and supply chain integration
4. Have the ability to design, plan and model to contribute to decision making techniques in logistics and supply chains
5. Can develop projects in the field of logistics and supply chain and takes part in teamwork
6. Have an ethical point of view and social sensitivity while making and evaluating their decisions
7. Gains the ability to develop professional competencies in the sector with the ability to be involved in communication networks related to the sector.
8. Interprets and evaluates classical and contemporary theories in logistics and supply chain

Course Outline
-The concept of supply chain as a current trend in business models, includes added value and supply chain strategies created as a result of processes, stages and functionality. -In supply chain management; it analyzes supply-demand planning, stock planning, facility, transportation and transportation planning, performance management. -It covers supply chain, logistics, supply and production, inventory management, transportation, transportation and current issues that create customer-oriented added value.

Weekly Topics and Related Preparation Studies		
Weeks	**Topics**	**Preparation Studies**
1	Introduction to Logistics and Supply Chain Management	– Watching videos related to the subject, browsing the topics in order to get to know the lesson
2	Stracture of Logistics & SCM	– Read From The Lecturer given notes
3	Developing Supply Chain Management Strategies	– Read from “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 2)
4	Drivers of SCM	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 3)
5	Designing Distribution And Transportation In The Supply Chain Network	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 4-14)
6	Facilty Desicions In SCM	– Read From The Lecturer given notes
7	Network Design In The Supply Chain	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 5)

8	**MIDTERM EXAM**	
9	Demand Forecasting In A Supply Chain	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 7)
10	Aggregate Planning In A Supply Chain	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 8)
11	Supply Chain Coordination	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 10)
12	Role Of IT In Global Supply Chain Management	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Section VII)
13	Indexes Of Global Supply Chain Manegement	– Read From The Given Notes
14	Sustainability and SCM	– Read From “Supply Chain Management: Strategy, Planning and Operation” (Book Chapter 17)
15	Green SCM and Reverse Logistics	– Read From The Given Notes
16	**FINAL EXAM**	

Textbook(s)/References/Materials:

Textbook:

- "Logistics Supply Chain Management", Nobel, Doç. Dr. M.Hakan Keskin
- “Supply Chain Management: Strategy, Planning and Operation”, Chopra, S., Meindl, P.
- “Lean Supply Chain and Logistic Management”, Paul Myerson

Supplementary References:

Other Materials:

Assessment		
Studies	**Number**	**Contribution margin (%)**
Attendance	1	10
Lab		
Class participation and performance		
Field Study		
Course-Specific Internship (if any)		
Quizzes / Studio / Critical		
Homework		
Presentation		
Projects		
Report		
Seminar		
Midterm Exam/Midterm Jury	**1**	**40**
General Exam / Final Jury	**1**	**50**
Total		**100**
Success Grade Contribution of Semester Studies		**50**
Success Grade Contribution of End of Term		**50**
Total		**100**

ECTS / Workload Table			
Activities	**Number**	**Duration (Hours)**	**Total Workload**
Course hours (Including the exam week): 16 x total course hours)	16	3	48
Laboratory			
Application			
Course-Specific Internship (if any)			
Field Study			
Study Time Out of Class	16	4	64
Presentation / Seminar Preparation			
Projects			
Reports			
Homework			
Quizzes / Studio Review			
Preparation Time for Midterm Exams / Midterm Jury	1	4	4
Preparation Period for the Final Exam / General Jury	1	4	4
Total Workload	**(120/30 = 4)**		**120**

Course' Contribution Level to Learning Outcomes						
Nu	**Learning Outcomes**	**Contribution Level**				
		1	**2**	**3**	**4**	**5**
LO1	Analyzes complex problems in logistics and supply chain.					X
LO2	Have a well-equipped knowledge of industry-related logistics and SCM market leaders, professional organizations and current developments				X	
LO3	Understands and uses coordination mechanisms and supply chain integration				X	
LO4	Have the ability to design, plan and model to contribute to decision making techniques in logistics and supply chains				X	
LO5	Can develop projects in the field of logistics and supply chain and takes part in teamwork					X
LO6	Have an ethical point of view and social sensitivity while making and evaluating their decisions					X
LO7	Gains the ability to develop professional competencies in the sector with the ability to be involved in communication networks related to the sector.				X	
LO8	Interprets and evaluates classical and contemporary theories in logistics and supply chain				X	

	Relationship Between Course Learning Outcomes and Program Competencies (Department of Management Information Systems)									
Nu	**Program Competencies**	**Learning Outcomes**								**Total Effect (1-5)**
		LO1	**LO2**	**LO3**	**LO4**	**LO5**	**LO6**	**LO7**	**LO8**	
1	Recognize and distinguish the basic concepts such as data, information, and knowledge in the field of Management Information Systems and know the processes to be followed for data acquisition, storage, updating, and security.	x			x	x				**3**
2	Develop and manage databases suitable for collecting, storing, and updating data.	x	x		x	x		x		**5**
3	As a result of his/her ability to think algorithmically, and easily find solutions to problems concerning basic business functions.	x	x		x	x		x		**5**
4	Learn programming logic, and have information about current programming languages.	x	x		x	x				**4**
5	Be able to use up-to-date programming languages.	x	x		x	x		x		**5**
6	Be able to take part in teamwork or lead a team using knowledge of project management processes.		x		x	x		x		**4**
7	Know ethical and legal rules, and use professional field knowledge within the scope of ethical and legal rules.	x		x			x		x	**4**
8	Know the fundamental areas of business administration namely management and organization, production, finance, marketing, numerical methods, accounting, etc., and have the knowledge and skills to work in-depth in at least one of them.	x	x		x	x		x		**5**

9	Be able to solve the problems encountered in the field of internet programming by designing web applications.	x			x					**2**
10	Develop and manage logistics and supply chain management activities	x	x	x	x	x	x	x	x	**5**
11	Adapt his/her theoretical knowledge and the experience he/she will gain through practice at the departments of businesses such as information technologies, R&D, and management to real life.	x	x		x	x		x		**5**
12	Be able to develop strategies that will provide a competitive advantage with his/her advanced knowledge of management strategies and management functions.	x	x	x	x	x		x		**5**
13	Develop a business idea, commercialize the business idea, and design and manage his/her venture using entrepreneurial knowledge.	x	x	x	x	x	x	x	x	**5**
14	By using English effectively, they can follow, read, write, speak and communicate universal information in the field of management information systems in a foreign language with professional competence.	x	x	x	x	x	x	x	x	**5**
Total Effect										**62**

Policies and Procedures
Web page: https://www.ostimteknik.edu.tr/management-information-systems-english-1241/915

Exams: The exams aim at assessing various dimensions of learning: knowledge of concepts and theories and the ability to apply this knowledge to real-world phenomena, through analyzing the situation, distinguishing problems, and suggesting solutions. The written exams can be of two types, ie. open-ended questions, which can also be in the form of problems or multiple-choice questions.
Assignments: Homework (Assignments) might be applicable. Scientific Research Ethics Rules are very important while preparing assignments. The students should be careful about citing any material used from outside sources and reference them appropriately.
Missed exams: Any student missing an exam needs to bring an official medical report to be able to take a make-up exam. The medical report must be from a state hospital.
Projects: Not applicable.
Attendance: Attendance requirements are announced at the beginning of the term. Students are usually expected to attend at least 70% of the classes during each term.
Objections: If the student observes a material error in his/her grade, he/she has the right to place an objection to the Faculty or the Department. The claim is examined and the student is notified about its outcome.