

TOROS ÜNİVERSİTESİ

Faculty Of Engineering
Industrial Engineering (English)

Course Information

SUPPLY CHAIN MANAGEMENT					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
INE403	Fall	3	0	3	4

Prerequisites and co-requisites	None
Language of instruction	English
Type	Elective
Level of Course	Bachelor's
Lecturer	Asst. Prof. Zaina HAMAD
Mode of Delivery	Face to Face
Suggested Subject	None
Professional practise (internship)	None
Objectives of the Course	The objective of this course is to develop an understanding of the contribution of logistics to the execution of successful industrial operations and services. Also to develop an understanding of the operational areas of logistics management and their interrelationships with others, and to improve the analytical and problem solving skills in logistics are the other objectives.
Contents of the Course	Logistics Fundamentals / Strategies and Organization in Logistics / Supply Chain Management / Supplier Selection and Outsourcing / Distribution Management / Transportation Management and Transportation Modes / Operations Research in Logistics / Logistics Network Planning / Vehicle Routing Problems / Warehouse Management / Logistics Information Systems / Logistics Problems in various sectors / International Logistics / New Trends in Logistics

Learning Outcomes of Course

#	Learning Outcomes
1	Student shall gain the ability to develop effective systems and to execute transportation, warehousing and other operations in a supply chain and designing productive systems by using logistics resources efficiently.
2	Students gain the ability to analyze, design, and interpret integrating systems that includes men, machine, material, knowledge and energy.
3	Student shall become able to function effectively in single-disciplinary and multi-disciplinary teams in the fields of supply chain management and engineering.
4	

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Basic definitions, general knowledge about the course, importance of the logistics	Lecturing
2	Supply Chain Management	Lecturing
3	Supplier Selection and Outsourcing	Lecturing
4	Distribution Management	Lecturing
5	Transportation Management and Transportation Modes	Lecturing
6	Operations Research in Logistics	Lecturing
7	Midterm	Exam

8	Logistics Network Planning, Location and Allocation Problems	Lecturing
9	Vehicle Routing Problems	Lecturing
10	Warehouse Location Selection and Warehouse Management	Lecturing
11	Warehouse Design and Warehouse Equipment	Lecturing
12	Logistics Information Systems, Transportation Management Systems and Warehouse Management Systems	Lecturing
13	Logistics Problems in various sectors	Lecturing
14	International Logistics, INCOTERMS	Lecturing
15	International Logistics, INCOTERMS	Lecturing
16	Final Exam	Exam

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Sunil Chopra, Peter Meindl, "Supply Chain Management", Prentice Hall, 2010, ISBN-10: 0136080405		
2	Alan Rushton, Phil Croucher, Peter Baker, "The Handbook of Logistics and Distribution Management", Kogan Page, 2010.		

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Student shall gain the ability to develop effective systems and to execute transportation, warehousing and other operations in a supply chain and designing productive systems by using logistics resources efficiently.	2	1,2
2	Students gain the ability to analyze, design, and interpret integrating systems that includes men, machine, material, knowledge and energy.	2	1,2
3	Student shall become able to function effectively in single-disciplinary and multi-disciplinary teams in the fields of supply chain management and engineering.	5	1,2
4			

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	3	42
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	3	42
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	3	3
8	Midterm Exam	0	0	0

9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	3	3
16	Final Exam	0	0	0
				90