AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Warehouse Management								
Course Code	LYM511		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	5	Workload	127 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Improving the students' knowledge and professional skills on warehouse management								
Course Content	This course basically examines the principles of warehouse management, warehousing and physical distribution as part of logistics, management functions of warehousing, categories of warehouses, warehouse structure, location selection and activities, warehouse layout, network management, storage of materials, maintaining inventory accuracy, warehouse safety, measuring effectiveness and efficiency, packaging and materials handling systems, legal aspects. Warehouse modeling through computer information systems, decision support systems, optimization models, simulation,advanced statistics, and commercial logistics software systems will also be emphasized.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	WorldClass Warehousing and Material Handling, E. H. Frazelle: McGrawHill, 2002

Week	Weekly Detailed Course Contents	
1	Theoretical	Why have a Warehouse?
2	Theoretical	The Role of the Warehouse in the Logistics Chain
3	Theoretical	Warehouse Performance Analysis – Q 1
4	Theoretical	Receiving and Putaway
5	Theoretical	Storage Systems
6	Theoretical	Transportation Network Problems
7	Theoretical	Shipping
8	Theoretical	Warehouse functionality, Distribution Centres, Location
9	Intermediate Exam	Midterms
10	Intermediate Exam	Midterms
11	Theoretical	Warehouse Layout
12	Theoretical	International Warehousing Options
13	Theoretical	Warehouse Management Systems
14	Theoretical	Information Technology for Paperless Warehousing – Q 3
15	Theoretical	Warehouse Workforce Design
16	Final Exam	Finals

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	3	39
Individual Work	13	0	2	26
Midterm Examination	1	25	1	26

Final Examination	1	35	1	36
			Total Workload (Hours)	127
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	will be able to explain information about warehouse management and design.
2	will be able to model warehouse operation problems.
3	will be able to solve modeled problems using appropriate methods.
4	will be able to take active role in strategic decisions about warehouse designing stage.
5	will be able to explain warehouse management system performance, productivity analysis, measurement and monitoring systems.

Programme Outcomes *(Logistics Management Interdisciplinary Master)*	
1	Being able to contribute to the institution the participant works for and the logistics sector by the use of the knowledge and abilities gained during the education period; and manage change in the institution and the sector;
2	Reaching a competency about contemporary business and technology applications in the area of logistics and supply chain management and analysis and strategy development methods;
3	Being able to create opportunities by combining supply chain management with information technologies and innovative processes by the use of the interdisciplinary courses the participants take;
4	Having the ability to develop creative solutions by working on global logistics and supply chain subjects and realizing these by the use of their project management knowledge;
5	Having the knowledge, abilities and capabilities required for effective logistics and supply chain management by the use of a problem and case analysis based learning;
6	Being able to examine logistics and supply chain processes with the management science viewpoint, analyze related concepts and ideas by scientific methods;
7	If continuing to work in the academia, having the necessary information on logistics applications; if continuing to work in the sector, having the necessary knowledge on conceptual subjects;
8	Being able to specify appropriate research questions about his/her research area, conduct an effective research with the use of necessary methods and apply the research outcomes in the sector or the academia;
9	Being able to follow the changes and developments in the sector the participant works in, in order to keep his/her personal and professional competence updated and develop himself/herself when necessary;
10	Have the necessary capabilities to pursue doctoral studies in national and foreign institutions

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	4	4	3	2	5
P2	3	3	4	2	3
P3	4	4	4	1	1
P4	5	4	3	5	1
P5	5	3	3	3	1
P6	4	3	2	5	2
P7	5	3	2	5	3
P8	5	2	3	2	2
P9	5	2	3	1	3
P10	5	2	3	1	2