



YAŞAR UNIVERSITY  
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES  
DEPARTMENT OF INTERNATIONAL LOGISTICS MANAGEMENT  
COURSE SYLLABUS

Course Title	Course Code	Semester	Course Hour/Week		Yaşar Credit	ECTS
			Theory	Practice		
Warehousing & Logistics Facilities Management	LOGI 332	spring	3	0		5
<b>Course Type</b>						
1. Compulsory Courses						
1.1. Programme Compulsory Courses						X
1.2. University Compulsory Courses (UFND)						
1.3. YÖK (Higher Education Council) Compulsory Courses						
2. Elective Courses						
2.1. Program Elective Courses						
2.2. University Elective Courses						

<b>Language of Instruction</b>	English
<b>Level of Course</b>	Undergraduate (First Cycle) X
<b>Prerequisites Course(s) (compulsory)</b>	N/A
<b>Special Pre-Conditions of the Course (recommended)</b>	N/A

<b>Course Coordinator</b>	Dr. Ömer Öztürkoglu	Mail: omer.ozturkoglu@yasar.edu.tr
<b>Course Instructor(s)</b>	Dr. Ömer Öztürkoglu	Mail: omer.ozturkoglu@yasar.edu.tr
<b>Course Assistant(s)/Tutor (s)</b>		
<b>Aim(s) of the Course</b>	The course aims to give students the knowledge and experience of warehousing operations and facilities planning and management.	
<b>Learning Outcomes of the Course</b>	The course encompasses both the qualitative aspect and the quantitative aspect of operations in warehouses and logistics facilities, and management of warehouses.	
<b>Course Content</b>	Attention is given to such issues as order picking strategies, storage policies, designing of storage spaces and evaluation of performance measures in warehouses.	

<b>COURSE OUTLINE/SCHEDULE (Weekly)</b>			
<b>Week</b>	<b>Topics</b>	<b>Preliminary Preparation</b>	<b>Methodology and Implementation (theory,practice, assignment etc)</b>
1	Introduction to Facilities Planning	Tompkins: Related Chapter	Lecture and Discussion
2	Flow of goods, Little's Law, Measuring Flows	Tompkins: Related Chapter	Lecture and Discussion
3	Basic Facility Location Models	Tompkins: Related Chapter	Lecture and Discussion
4	Basic Layout Planning and Approaches	Tompkins: Related Chapter	Lecture and Discussion
5	Material Handling	Tompkins: Related Chapter	Lecture and Discussion
6	Warehouse Operations	Bartholdi: Related Chapter	Lecture and Discussion
7	Storage and storage policies in warehouses	Bartholdi: Related Chapter	Lecture and Discussion
8	Layout of a unit-load area	Bartholdi: Related Chapter	Lecture and Discussion
9	Mid-Term Exam		
10	Layout of a carton-pick-from pallet area and piece-pick-from-carton area	Bartholdi: Related Chapter	Lecture and Discussion
11	Order-picking	Bartholdi: Related Chapter	Lecture and Discussion
12	Work-flow and balance	Bartholdi: Related Chapter	Lecture and Discussion
13	Automation and Crosdocking	Bartholdi: Related Chapter	
14	Student presentations/discussion on future directions	Bartholdi: Related Chapter	
15	Final Exam		

<b>Required Course Material (s) /Reading(s)/Text Book (s)</b>	J. Bartholdi and S. Hackman, Warehouse and Distribution Science, e-book, available at: <a href="http://www.warehouse-science.com/">http://www.warehouse-science.com/</a>  James A. Tompkins, John A. White, Yavuz A. Bozer, J.M.A. Tanchoco, Facilities Planning, Wiley, 3 <sup>rd</sup> edition, 2002.
<b>Recommended Course Material (s)/Reading(s)/Other</b>	Articles and other relevant materials provided by the lecturer

ASSESSMENT		
Semester Activities/ Studies	NUMBER	WEIGHT in %
Mid- Term	1	40
Attendance	-	-
Quiz	-	-
Assignment (s)	-	-
Project	1	10
Laboratory	-	-
Field Studies (Technical Visits)	-	-
Presentation/ Seminar	-	-
Practice (Laboratory, Virtual Court, Studio Studies etc.)	-	-
Other (Placement/Internship etc.)		
<b>TOTAL</b>		<b>50</b>
<b>Contribution of Semester Activities/Studies to the Final Grade</b>		<b>50</b>
<b>Contribution of Final Examination/Final Project/ Dissertation to the Final Grade</b>		<b>50</b>
<b>TOTAL</b>		<b>100</b>

CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME OUTCOMES						
No	Programme Outcomes	Level of Contribution (1- lowest/ 5- highest)				
		1	2	3	4	5
1	To be able to acquire the medium level knowledge on warehousing issues such as order picking, designing warehouses or layouts of facilities .					x
2	To be able identify the problems in warehouses and logistics facilities, and learn how to deal with these problems.			x		
3	To be able to identify changes in the surrounding world compare and question indicators, interpret the data, make and support the decision made	x				
4	To be able to produce effective decisions by interpreting dynamics of competition and markets, and organizational factors with scientific methods		x			
5	To be able to develop basic skills required for the application of information technology in warehouse management and manage to use common computer package programmes				x	
6	To be an effective team-player in group studies and assignments by using group communication skills and to demonstrate leadership by the individual presentations			x		
7						
8						
9						
10						
11						

ECTS /STUDENT WORKLOAD				
ACTIVITIES	NUMBER	UNIT	HOUR	TOTAL (WORKLOAD)
Course Teaching Hour (14 weeks* total course hours)	14	Week	3	42
Preliminary Preparation and finalizing of course notes,	14	Week	1	14

further self- study				
Assignment (s)		Number		
Presentation/ Seminars		Number		
Quiz and Preparation for the Quiz		Number		
Mid- Term(s)	1	Number	20	20
Project (s)	1	Number	25	25
Field Studies (Technical Visits, Investigate Visit etc.)		Number		
Practice (Laboratory, Virtual Court, Studio Studies etc.)		Number		
Final Examination/ Final Project/ Dissertation and Preparation	1	Number	25	25
Other (Placement/Internship etc.)		Number		
<b>Total Workload</b>				126
<b>Total Workload/ 25</b>				5.04
<b>ECTS</b>				<b>5</b>

**ETHICAL RULES WITH REGARD TO THE COURSE (IF AVAILABLE)**

All students are expected to attend each class and to actively participate in problem solving.  
Students must have the course book.  
It is expected that all special assignments such as term papers and projects to be completed on the scheduled dates.  
If you miss the exam without acceptable legal documents, no make ups on exams will be given.  
Students caught cheating or otherwise violating the rules of academic conduct will receive a zero grade.

**ASSESSMENT and EVALUATION METHODS:**

Final Grades will be determined according to the Yaşar University Associate Degree, Bachelor Degree and Graduate Degree Education and Examination Regulation

**PREPARED BY** Dr. Ömer Öztürköğlü

**UPDATED** 01-04-2014

**APPROVED** 01-04-2014