



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

Course Title	Course Code	Semester	Course Hour/Week		Yaşar Credit	ECTS
HOSPITAL LOGISTICS	LOGI 373	Fall	3	0	3	5
<b>Course Type</b>						
1. Compulsory Courses						
1.1. Programme Compulsory Courses						
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						
3. Prerequisites Courses						
3.1. Compulsory Prerequisites Courses						
3.2. Elective Prerequisites Courses						

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

Course Coordinator	
Course Instructor(s)	E-mail:
Course Assistant(s)/Tutor (s)	
Aim(s) of the Course	The aim of the course is to teach the importance of logistics and supply chain activities for hospital and health care organizations. The main task of all hospitals is the improvement of the patient's state of health. The provision of the medical treatment and patient care, core processes of the hospital, create demand for patient, related support services. Hospital logistics is coordinated cross department with the flow of goods and information as well as a part of patient care.
Learning Outcomes of the Course	<ol style="list-style-type: none"><li>1. Health care industry definition and improvement of the sector.</li><li>2. The importance of Logistics and Supply Chain Management activities in the Healthcare industry.</li><li>3. The importance of Logistics activities in Healthcare Industry and its affects on patients.</li></ol>

<b>Course Content</b>	The course aims to introduce concepts and techniques related to design, planning, control and improvement of both hospital logistics and health care logistics operations. Some of the topics covered include: patients logistics, drug logistics, management of medical goods, logistics activities in hospitals etc.
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<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 Course		
2	Healthcare Operations Management	Related chapter and reading	Lecture and Discussion
3	Health Care as a Business	Related chapter and reading	Lecture and Discussion
4	Importance of Logistics in Healthcare Sector	Related chapter and reading	Lecture and Discussion
5	Patient Logistics	Related chapter and reading	Lecture and Discussion
6	Drug Management and Drug Logistics	Related chapter and reading	Lecture and Discussion
7	Laboratory Logistics	Related chapter and reading	Lecture and Discussion
8	Management and Flow of Medical Goods	Related chapter and reading	Lecture and Discussion
9	Logistics of Sterile Goods		
10	Information and Documents Flow in Hospital	Related chapter and reading	Lecture and Discussion
11	Food Logistics in Hospital	Related chapter and reading	Lecture and Discussion
12	Queue management in Hospitals	Related chapter and reading	Lecture and Discussion
13	Disposal of Non-Hazardous Waste Management	Related chapter and reading	Lecture and Discussion
14	Recycling and Waste Management in Hospital	Related chapter and reading	Lecture and Discussion
	Presentations		

<b>Required Course Material (s) /Reading(s)/Text Book (s)</b>	Articles and other relevant materials provided by the lecturer.
<b>Recommended Course Material (s)/Reading(s)/Other</b>	<ul style="list-style-type: none"> <li>Langabeer, J. (2008). Health Care Operations Management: A Quantitative Approach to Business and Logistics, Jones and Bartlett Publishers, Canada.</li> <li>Vissers, J. and Beech, R. (2005). Health Operations Management: Patient Flow Logistics in Health Care, Taylor &amp; Francis, NY.</li> </ul>

<b>ASSESSMENT</b>		
<b>Semester Activities/ Studies</b>	<b>NUMBER</b>	<b>WEIGHT in %</b>
Mid- Term	1	35
Attendance	1	10
Quiz	-	-
Assignment (s)	1	15
Project	1	40
Laboratory	-	-
Field Studies (Technical Visits)	-	-

Presentation/ Seminar	-	-
Practice (Laboratory, Virtual Court, Studio Studies etc.)	-	-
Other (Placement/Internship etc.)	-	-
<b>TOTAL</b>		<b>100</b>
<b>Contribution of Semester Activities/Studies to the Final Grade</b>		60
<b>Contribution of Final Examination/Final Project/ Dissertation to the Final Grade</b>		40
<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 ascertain how to become a manager in national and international logistics companies.					X
2	To identify various activities of logistics: purchasing, stock management, warehouse and transportation management, quality, sale and distribution, transporting, handling, traffic management, packaging, customer relationship management and reverse flow in supply chain management					X
3	To explain modes of international transportation including road, sea, air, pipeline and multi-modal transportation systems			X		
4	To distinguish and explain the concepts in supply chain management and logistics				X	
5	To develop efficient logistics and supply chain strategies by using appropriate theory, tools and methods, to design logistics systems and make decisions that will support the mission and goals of business.				X	
6	To analyze companies from a managerial point of view					X
7	To evaluate logistics and supply chain management practices critically, identify and analyze problems in logistics processes.				X	
8	To create innovative solutions for logistics problems to achieve a higher performance in logistics activities and developing recommendations for performance improvements				X	
9	To recognize the main actors, challenges and dynamics of the international logistics		X			
10	To identify and distinguish the legal framework of international logistics operations, and assess conformity of logistics operations to the national and international rules and regulations			X		
11	To recognize the importance and the need of adaptation to the rapidly evolving global business environment.					X

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, further self- study	14	Week	2	28
Assignment (s)	1	Number		5
Presentation/ Seminars		Number		
Quiz and Preparation for the Quiz		Number		
Mid- Term(s)	1	Number	10	10

Project (s)	1	Number	20	20
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	20	20
Other (Placement/Internship etc.)		Number		
<b>Total Workload</b>				125
<b>Total Workload/ 25</b>				5
<b>ECTS</b>				<b>5</b>

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

- Students are expected to be prompt at all times and to participate in all learning activities during class sessions.
- It is expected that all special assignments such as term papers, projects, or research papers to be completed on the scheduled dates.
- The project must be submitted in a hard copy. E-mails are not accepted.
- Talking in the class is not tolerated.
- Students are expected to be honest and ethical in all exams and assignments. Students who engage in dishonesty are subject to disciplinary penalties.

**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**

**UPDATED**

**APPROVED**