



YAŞAR UNIVERSITY
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES
MANAGEMENT INFORMATION SYSTEMS IN LOGISTICS
COURSE SYLLABUS

Course Title	Course Code	Semester	Course Hour/Week		Yaşar Credit	ECTS
MANAGEMENT INFORMATION SYSTEMS IN LOGISTICS	LOGI 469	Fall	3	0	3	5
Course Type						
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)	Dr. Gülmüş Börühan	E-mail: gulmus.boruhan@yasar.edu.tr
Course Assistant(s)/Tutor (s)		
Aim(s) of the Course	The basic goal of this course is to discuss most up-to-date and comprehensive overview of information systems used by logistics firms today.	
Learning Outcomes of the Course	<ol style="list-style-type: none">1. Students will be able to analyze how information systems transforming business operations.2. Students will be able to explain essential information systems for running and managing a businesses and logistics firms.3. Students will be able to discuss how today's business firms use information technologies and systems to achieve corporate objective.4. Students will be able to explain the essential information systems that are needed for the coordination in a supply chain.5. Student will be able to combine their theoretical knowledge with practical knowledge.	

Course Content	This course is designed to give an overview of information technologies and how today's business firms use these technologies and systems to achieve corporate objectives. If you manage a firm that produce a many complex products and services, then you will have hundreds of suppliers, and your suppliers will each have their own set of suppliers. Thus, information technologies are one of the major tools to coordinate the activities of hundreds or even thousands of other firms for achieving operational excellence, developing new products and services, improving decision making, and achieving competitive advantage. The basic goal of this course is to discuss most up-to-date and comprehensive overview of information systems used by business firms today.
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COURSE OUTLINE/SCHEDULE (Weekly)			
Week	Topics	Preliminary Preparation	Methodology and Implementation (theory, practice, assignment etc)
1	Introduction to Course		Lecture and Discussion
2	Information Systems in Global Business Today	Related chapter and reading	Lecture and Discussion
3	Global E-Business and Collaboration	Related chapter and reading	Lecture and Discussion
4	Information Systems, Organization's and Strategy	Related chapter and reading	Lecture and Discussion
5	Information Technology in a Supply Chain	Related chapter and reading	Lecture and Discussion
6	Achieving Operational Excellence and Customer Intimacy :Enterprise Applications	Related chapter and reading	Lecture and Discussion
7	Mid-Term		
8	Coordination in a Supply Chain	Related chapter and reading	Lecture and Discussion
9	Enterprise Resource Planning (ERP) / lab	Related chapter and reading	Lecture and Discussion
10	Enterprise Resource Planning (ERP) / lab	Related chapter and reading	Lecture and Discussion
11	Radio Frequency Identification (RFID) and Barcoding	Related chapter and reading	Lecture and Discussion
12	The Evolution of Supply Chain Collaboration and CPFR, Vendor Managed Inventory (VMI), Material Resource Planning (MRP)	Related chapter and reading	Lecture and Discussion
13	Customer Relations Management (CRM) / Partner Relationship Management (PRM)	Related chapter and reading	Lecture and Discussion
14	Ethical and Social Issues in Information Systems	Related chapter and reading	Lecture and Discussion
15	Final Exam		

Required Course Material (s) /Reading(s)/Text Book (s)	Articles and other relevant materials provided by the lecturer
Recommended Course Material (s)/Reading(s)/Other	<ul style="list-style-type: none"> • Laudon, K. C. and Laudon J. P. (2014). Management Information Systems (13 th ed.). Pearson. • Ross, F. David (2003).e-Supply Chain Management. CRC Press. • Reynolds, J. (2001). Logistics and Fulfillment for e-Business. New York: CMP Books. • Zhang, O. (2007). E-Supply Chain Technologies and Management. Information Science Reference. • Galliers, R. D. and Leidner D. E.(2003). Strategic Information Management. (3rd. ed.) Butterworth-Heinemann.

ASSESSMENT		
Semester Activities/ Studies	NUMBER	WEIGHT in %
Mid- Term	1	30
Attendance	1	5
Quiz	-	-
Assignment (s)		
Project		
Laboratory	2	5
Field Studies (Technical Visits)		
Presentation/ Seminar	1	20
Practice (Laboratory, Virtual Court, Studio Studies etc.)	-	-
Other (Placement/Internship etc.)		
TOTAL		100
Contribution of Semester Activities/Studies to the Final Grade		40
Contribution of Final Examination/Final Project/ Dissertation to the Final Grade		60
TOTAL		100

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)		Number		
Presentation/ Seminars	1	Number	10	10
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	15	15
Other (Placement/Internship etc.)		Number		
Total Workload				125
Total Workload/ 25				5
ECTS				5

ETHICAL RULES WITH REGARD TO THE COURSE (IF AVAILABLE)
<ul style="list-style-type: none"> - 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	Dr. Gülmüş BÖRÜHAN
UPDATED	
APPROVED	