

INFORMATION SYSTEMS MANAGEMENT

1	Course Title:	INFORMATION SYSTEMS MANAGEMENT
2	Course Code:	END5555
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	7.50
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. ERDAL EMEL
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	erdal@uludag.edu.tr Tel: 0224 294 2080 Endüstri Mühendisliği Bölümü, Mühendislik Mimarlık Fakültesi Uludağ Üniversitesi, Görükle, Bursa
17	Website:	http://endustri.uludag.edu.tr
18	Objective of the Course:	Determination of how programs are designed and implemented in Information Technologies to meet the requirements for problem analysis and solution-oriented, computer-based system process or component. Creating applications for the design, development and manufacturing processes that reduce waste and shorten time-to-market approaches in manufacturing and product development environments. Selection and evaluation of hardware and software technologies.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Ability to explain the nature of information systems and analyse their role in supporting business operations and performance
	2	Gain the knowledge to describe, and evaluate the effectiveness of strategies relating to managing information systems in an organisation
	3	Comprehension of the importance of information technologies to enhance information flows, decision making and productivity in a business context
	4	Gain the ability to investigate an information management issue and recommend a workable systems solution in line with organisational goals
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21	Course Content:				
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Week	Theoretical		Practice		
1	Course Introduction; Managing IT in a Digital World				
2	Computer Systems				
3	Telecommunications and Networking; The Data Resource				
4	Enterprise Systems; Using IT to Redesign Processes				
5	Managerial Support Systems				
6	E-Business Systems				
7	Presentation of the first assignment				
8	Repeating courses and midterm exam				
9	Basic Systems Concepts; Methodologies for Custom Software Development				
10	Methodologies for Purchased Software Packages, IT Project Management				
11	Planning IS Resources; Leading the IS Function				
12	Information Security; Social, Ethical, and Legal Issues				
Activites			Number	Duration (hour)	Total Work Load (hour)
22	Theoretical		12	3.00	42.00
Textbooks, References and/or Other Materials:			Managing Information Technology, 7/E, Brown, Denayes, Hoffer, Martin & Perkins, Prentice Hall, 2011.		
Practicals/Labs			0	0.00	0.00
Self study and preperation			13	8.00	104.00
Homeworks			3	26.00	78.00
Projects			0	0.00	0.00
23	Assesment		0	0.00	0.00
Field Studies			0	0.00	0.00
Midterm exams		R	1	2.00	2.00
Others			0	0.00	0.00
24	Quiz		0	0.00	0.00
Final Exams		0	1	2.00	2.00
Total Work Load					228.00
Final Exam		1	1	30.00	7.60
Total work load/ 30 hr					
ECTS Credit of the Course					7.50
Contribution of Term (Year) Learning Activities to Success Grade			70.00		
Contribution of Final Exam to Success Grade			30.00		
Total			100.00		
Measurement and Evaluation Techniques Used in the Course					
24	ECTS / WORK LOAD TABLE				

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	5	4	0	0	4	0	3	4	0	0	0	0	0	0	0
ÖK2	4	4	0	0	0	0	0	4	5	0	0	0	0	0	0	0
ÖK3	5	5	3	0	0	0	0	5	0	0	0	0	0	0	0	0
ÖK4	5	5	5	3	3	4	3	4	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			