	SYSTEM	ANAL	YSIS AND DESIGN						
1	Course Title:	SYSTE	M ANALYSIS AND DESIGN						
2	Course Code:	ISOS216							
3	Type of Course:	Optional							
4	Level of Course:	Short Cycle							
5	Year of Study:	2	•						
6	Semester:	4							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	2.00							
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:	Öğr.Gör. MEHMET ŞEN							
15	Course Lecturers:	Öğr. Gör. Oğuzhan Çankaya							
16	Contact information of the Course Coordinator:	Öğr.Gör.Uğur Saklangıç Uludağ üniversitesi Teknik Bilimler Meslek Yüksekokulu 0 224 294 23 16 ugursaklangic@gmail.com							
17	Website:								
18	Objective of the Course:	The objective of this course is to introduce the fundamentals of systems analysis and design and provide the ability of usage of its tools.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Understand types of computer-based systems that a systems analyst needs to address and realize what the main roles of the systems analyst are.						
		2	Plan a project by identifying activities and scheduling them.						
		3	Design and administer effective questionnaires.						
		4	Learn the importance of values critical to agile modeling.						
		5	Create, use, and explode DFDs and ERDs to capture and analyze the current system through parent and child levels.						
		6	Create data dictionary entries for data processes, stores, flows, structures, and logical and physical elements of the systems being studied, based on DFDs.						
		7	Construct a database for an information system.						
		8	Design tabular and graphic output and input displays for users of information systems.						
		9							
		10							
21	Course Content:								
		С	ourse Content:						
Week	Theoretical		Practice						

1	Systems methodo			levelo	pment											
2	Understa systems	nodeli	ng org	anizat	ional											
3	Project r	Project management														
4	Informat prototyp	g, Agil	e mod	eling a	and											
5	Using da	Using data flow diagrams														
6	Analyzin Describi structure				ies,											
7	Designir compute		and in	put , ⊦	luman	-										
8	Designir	5														
9	Object-c using UN	ems a	nalysis	and o	design											
10	system	Successfully implementing the information														
11	Success system	enting	the in	forma	tion											
12	Group P															
13	Group P	-														
14	Group P	rojects	S													
Activites							 	Numb	er .		Duration (hour)			Total Work Load (hour)		
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LO: Learning Objectives PQ: Program Qualifications																
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ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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