SYSTEM ANALYSIS AND DESIGN										
1	Course Title:	SYSTEM ANALYSIS AND DESIGN								
2	Course Code:	TKSS27	0							
3	Type of Course:	Optional								
4	Level of Course:	Short Cy	cle							
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 f	ace							
14	Course Coordinator:	Prof. Dr. RIDVAN ARSLAN								
15	Course Lecturers:	Prof. Dr.	Rıdvan Arslan							
16	Contact information of the Course Coordinator:	Prof. Dr. Rıdvan Arslan (ridvan@uludag.edu.tr, 2942341)								
17	Website:									
18	Objective of the Course:	To teach to students a basic level research and presentation techniques								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Research methods and techniques to learn.							
		2	Technique to select appropriate research topics							
		3	Research techniques to make appropriate resource							
		4	To evaluate the technique in accordance with the results of the research							
		5	Conversion technique in accordance with the results of the research report							
		6	Presentation methods and techniques to learn							
		7	Proper technique, to make preparation for presentation							
		8	Proper technique, present research results.							
		9								
		10								
21	Course Content:									
		Co	urse Content:							
Week	Theoretical		Practice							
1	Selected research topics Basic concepts in the study a. Inform Science c. Research d. Scientific me Stages of the scientific method e. Sc research f. Types of scientific resear Basic research h. Applied research.	nation b. ethod i. cientific ch g.								

3	 Necessity and importance of the research Subject of study (problem) a. Factors affecting the choice of research topic b. Variables and variable types 3. Problem statement a. Problem sentence should have qualifications b. Sub-problems 5. Related resources (Literature) 6. The answer to research problem (hypothesis) 7. Objective and description 8. Importance 9. Research is based on foundations (assumptions) 10. Limitations 11. Definitions MAKING RESOURCE SURVEY Research method 2. Population and sampling a. Sampling methods 3. Data collection a. The methods used to collect the data i. Observation ii. Interview iii. Letters (questionnaires, tests) iv. Test v. Document 				
4	EVALUATION OF RESEARCH RESULTS 1. Evaluation Result a. Data classification b. Frequencies of data and work order c. Data table and chart show d. Data shown as percentage 2. Results and comments a. Features of the findings b. Conclusions and recommendations				
5	RESEARCH RESULTS REPORT transforming into 1. Sections of research				
Activit	tes	Number	Duration (hour)	Total Work Load (hour)	
Theore	and bibliography	13	2.00	26.00	
Practica	als/Labs	0	0.00	0.00	
Self stu	evenentation to	0	0.00	0.00	
Homew	vorks	1	8.00	8.00	
Droiget		•		40.00	
Project	sechnological equipment 5. Audience /	5	8.00	40.00	
Field S	stechnological equipment 5. Audience /	5 0	8.00 0.00	0.00	
Field S Midtern	stechnological equipment 5. Audience / continente' definition of 6. Interactive tudies Peixams	5 0 1	8.00 0.00 8.00	40.00 0.00 8.00	
Field S Midtern Others	stechnological equipment 5. Audience / nontrigipental definition of 6. Internative tudies Platams	5 0 1 0	8.00 0.00 8.00 0.00	0.00 8.00 0.00	
Field S Midtern Others Final E	technological equipment 5. Audience / tudies Pertams definition of 6. Internative Pertams definition of 6. Internative Internative Method 2. Powerpoint slides in the	5 0 1 0 1	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00	
Field S Midtern Others Final E	technological equipment 5. Audience / tudies PERams Reference of 6. Internative PERams Versection method 2. Powerpoint slides in the Vork Load	5 0 1 0 1 1	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00	
Field S Midtern Others Final E Total W	sechnological equipment 5. Audience / tudies Performed definition of 6. Interactive Performs former of 6. Interactive former of	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 1	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00	
Field S Midtern Others Final E Total W Total W ECTS C	technological equipment 5. Audience / tudies Platams Reference in the section of 6. Internetion Platams Vertection method 2. Powerpoint slides in the Vork Load Repeating courses and midterm exam Credit of the Course	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 1 1 1 1	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00	
Field S Midtern Others Final E Total W Total W ECTS (stechnological equipment 5. Audience / tudies Pexams vertection method 2. Powerpoint slides in the Vork Load Vork Load Vork Load Ork load/ 30 hr Repeating courses and midterm exam Credit of the Course server itself to prepare as the realization of an effective presentation	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 <td< th=""><th>8.00 0.00 8.00 0.00 8.00</th><th>40.00 0.00 8.00 0.00 8.00 90.00 3.00</th></td<>	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00	
Field S Midtern Others Final E Total W ECTS O	sechnological equipment 5. Audience / tudies Pelams vertection method 2. Powerpoint slides in the Vork Load Vork Load Vork Load Vork Load Credit of the Course server itself to prepare as the realization of an effective presentation -Summarization and feedback techniques -Presentation in terms of audience rating -Made presentations / don'ts	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 <td< td=""><td>8.00 0.00 8.00 0.00 8.00</td><td>40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00</td></td<>	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00	
Field S Midtern Others Final E Total W ECTS 0 10	sechnological equipment 5. Audience / tudies Performance of 6 Interactive tudies Performance of 6 Interactive tudies Performance of 6 Interactive Performance of 7 Interactive Performance of	· 5 0 1 0 1 · <td< td=""><td>8.00 0.00 8.00 0.00 8.00</td><td>40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00</td></td<>	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00	
Field S Midtern Others Final E Total W ECTS 0 10 11	sechnological equipment 5. Audience / tudies Pelams Pelams vertection method 2. Powerpoint slides in the Vork Load Repeating courses and midterm exam Credit of the Course server itself to prepare as the realization of an effective presentation -Summarization and feedback techniques -Presentation in terms of audience rating -Made presentations / don'ts Student groups report and evaluation of research reports prepared by Student groups report and evaluation of research reports prepared by	1 0 1 0 1	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00	
Field S Midtern Others Final E Total W ECTS 0 10 11 12 13	sechnological equipment 5. Audience / tudies PeRams Centeresting PeRams Centeresting Vork Load Prepeating courses and midterm exam Credit of the Course server itself to prepare as the realization of an effective presentation -Summarization and feedback techniques -Presentation in terms of audience rating -Made presentations / don'ts Student groups report and evaluation of research reports prepared by Student groups report and evaluation of research reports prepared by	· 5 0 1 0 1 · <td< td=""><td>8.00 0.00 8.00 0.00 8.00</td><td>40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00 3.00</td></td<>	8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00 3.00	
Field S Midtern Others Final E Total W ECTS 0 10 11 12 13 14	sechnological equipment 5. Audience / tudies Pelvams vertexction method 2. Powerpoint slides in the Vork Load Vork Load Vork Load Vere to ad Vere to ad V		8.00 0.00 8.00 0.00 8.00	40.00 0.00 8.00 0.00 8.00 90.00 3.00 3.00 3.00	

22 Tex	ktbooks, References and/or Other																
23 Ass	sesment																
TERM LEARNING ACTIVITIES							IUMBE R	EWE	WEIGHT								
Midterm Exam 1							25	25.00									
Quiz 1								15	15.00								
Home work-project 1								10	10.00								
Final Exam 1							50	50.00									
Total 4							10	100.00									
Contribution of Term (Year) Learning Activities to Success Grade							to	50.00									
Contributio	n of F	ïnal E	xam to	Suco	cess G	rade		50	50.00								
Total	Total							10	100.00								
Measurement and Evaluation Techniques Used							d in th	ne	e								
24 EC	;TS/	WO	RK L	OAD	TAB	LE											
25			CON	TRIB	UTIO	N O	F LE				COME	S TO I	PROC	GRAMI	ME		
														-	-	-	
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1	3	2	3	0	0	0	0	2	2	3	0	0	0	0	0	0	
ÖK2	2	1	2	0	0	0	0	1	2	4	0	0	0	0	0	0	
ÖK3	4	3	4	0	0	0	0	2	2	4	0	0	0	0	0	0	
ÖK4	2	1	2	0	0	0	0	1	2	3	0	0	0	0	0	0	
ÖK5	3	1	3	0	0	0	0	1	2	4	0	0	0	0	0	0	
ÖK6	2	1	2	0	0	0	0	3	4	4	0	0	0	0	0	0	
ÖK7	4	1	1	0	0	0	0	4	4	4	0	0	0	0	0	0	
ÖK8	5	3	4	0	0	0	0	2	3	5	0	0	0	0	0	0	
LO: Learning Objectives PQ: Program Qualifications																	
Contrib 1 very low ution Level:		2 low 3			3	Med	ium	4 High			5 Very High						