	NON-DI	ESTRI	JCTIVE TESTING							
1	Course Title:	NON-DE	NON-DESTRUCTIVE TESTING							
2	Course Code:	GTTS21	0							
3	Type of Course:	Optional								
4	Level of Course:	Short Cy	rcle							
5	Year of Study:	2								
6	Semester:	4								
7	ECTS Credits Allocated:	3.00	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	face							
14	Course Coordinator:	Öğr.Gör.	MUSTAFA PALA							
15	Course Lecturers:	Öğr. Gör	. Başar KUDAT							
16	Contact information of the Course Coordinator:	Tel:0 555 ve Tesis	5 9769085 Adres:Uludağ Ünv. Teknik Bilimler M.Y.O. Gaz atı Prg. Görükle Kamp/BURSA							
17	Website:									
18	Objective of the Course:	1.To tead Testing. 2. On the gain exp 3. Come	ch the students the basic concepts of Non-Destructive e basis of theoretical knowledge and practical work skills To erience in problem solving. to be able to resume work on Non-Destructive Testing.							
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Knows the basic concepts of nondestructive testing							
		2	Knows the physical principles of Radiography							
		3	Knows the equipment and radiation sources							
		4	Radiographic examination, knows that working conditions and technical schemes							
		5	Create a photographic record							
		6	Make all calculations and settings related to the non- destructive examination.							
		7	Can work in non-destructive testing becomes.							
		8								
		9								
	-	10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	Introducing the topics discussed and course, course objectives and target be, course exam evaluating how to b stimulated by	the ts must be								
2	Testing Methods, Industrial Radiogra	aphic								

3	Physical Principles of Radiography																				
4	Radioactive decay, interaction of radiation with matter																				
5	Equip	Equipment and radiation sources																			
6	Equip	Equipment and radiation sources																			
7	Photo	Photographic records																			
8	Repea	ating	g cou	rses a	nd mi	dterm	exam														
9	Radiographic inspection of working conditions, Inspection Technical Improvements																				
10	Select Sourc	Selection of tube Voltage and radiation Source																			
11	Film Systems and screens Radiation Source- Object distance determination																				
12	Radio	gra	phic e	examir	nation	accou	nts														
13	Radio	gra	phic e	examir	nation	accou	nts														
14	Radiographic examination accounts																				
22	Textbooks, References and/or Other								Le	cture N	lotes										
23 Assesment																					
TERM L	EARNI	NG	ACTI	VITIES	;		N	IUMBE	WE	WEIGHT											
D. d' . lt	. <b>F</b>						R	2	50												
Activites								Numb	er		Dura	Duration (hour)			Total Work Load (hour)						
Finedulet	Finedifexical 1								50	1040			2.00	2.00			28.00				
Practica	als/Lab	s							- (	C			0.00	0.00			0.00				
Sentsile	Sentsibution of Jenser (Atear) Learning Activities to								50	50190				2.00			28.00				
Homew	Homeworks									0				0.00			0.00				
Fontrip	ontribution of Final Exam to Success Grade								50	5000				0.00							
Field St	ield Studies									0				0.00			0.00				
Mietaeum	Acterrements and Evaluation Techniques Used in the								e 2	2			1.00	1.00			2.00				
Others	Others								(	C			0.00			0.00					
Final E	-inal Exams									1				2.00			2.00				
Total W	Fotal Work Load									60.00						60.00					
Total wo	Total work load/ 30 hr									2.00											
ECTS C	CTS Credit of the Course									3.00											
									IING	ουτα	OME	S TO I	PROG	GRAM	ME						
	QUALIFICATIONS																				
	P	21	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16				
ÖK1	0		1	3	0	1	2	3	2	1	1	2	1	0	0	0	0				
ÖK2	1		1	3	0	1	2	3	2	1	1	2	1	0	0	0	0				
ÖK3	0		1	3	0	1	2	3	2	1	1	2	1	0	0	0	0				
ÖK4	0 1 3 0 1 2 3 2							2	1	1	2	1	0	0	0	0					

ÖK5	0	1	3	0	1	2	3	2	1	1	2	1	0	0	0	0
ÖK6	2	1	3	0	1	2	3	2	1	1	2	1	0	0	0	0
ÖK7	0	1	3	0	1	2	3	2	1	1	2	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	ib 1 very low I:		2 low		3 Medium		4 High		5 Very High							