	n			T.C. Firat Univers	SITY		Document No Publication Date		гм – 0001 09.2021
1975	7			Course Syllabu			Revision Date Revision No	- 0	
	İZ579() HIGH TE	EMPERATURE S				Revision to	0	
	raduate S	chool of Natu	ral and Applied Scienc	ces					
Detail:	Period: 2	2023-2024	Status: Option	al Class: 1	Credits: 3003	ECTS: 6	Language: T	urkish	
		NSTRUCTO	R			COURSE AS	SİSTANT		
Title, Name and Socia Student Day	l Surnamo Phono Emai al Accoun	e: - e: - l: - t: -			Fitle, Name and Surna Pho	me: one: nail: unt:			
Lessons Weekly Program:	Monday		Tuesday	Wednesday -	Thursday	Friday		Saturday	
Rendering:		-face lessons ace-to-face	per week 3 It wi	ill be done on an h UE:	ourly basis. -				
Purpose:	High Te	emperature S	Superconductivities						
Material:	0								
Student Responsibility ;									
	Week	Tonic						- 1	Method
	1 week	High temp	erature Supercondu	atora					YY
	2				aration Techniques				YY
Weekly Lesson Plan	3	High temperature superconductor Material Preparation Techniques High-temperature superconductivities Crystal structures							YY
	4	Methods of analysis of high-temperature superconductors							YY
	5	High temperature superconductors Application Areas							YY
	6	Transport of current in high-temperature superconductors							YY
	7	Resistivity and magnetic sensibility							YY
	8	Midterm Exam							
	9	Uses of superconductors in technology							YY
	10	High-temperature superconductors with granular structure							YY
	11	Superconducting Hysteresis							YY
	12	Critical current density in high-temperature superconductors							YY YY
	13 14	Superconductivity parameters; Infiltration Depth (λ), co-length (ξ), Critical Current Density (Je)Superconductivity Meissner Event							
	14	Supercond	Method	11			Nu	mher	YY Weight
		Exam	Face				vu	1	% 50
Assessment and		Quiz	-					-	
	Break	Homework	-						
Evaluation	Exam	Project	-					-	-
	General Exam	Face						1	% 5 0
	1								
Course	2								
Outcomes:	3								
	4								
Course Course	5	ations							
Course-Specifie			Enco Education						
	uucation	, 11 : race-to	p-Face Education						

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