NIV. 	es17t				Fir <i>a</i> Course	T.C. AT UNIVERS	ITY I S Form				Document M Publication Revision Da Revision No	No F. Date 1 te - 0 0	дтм – 0001 3.09.2021
Code and	FiZ536	O MAGNE'	TIC PROPI	ERTIES	S OF SO	OLIDS							
Name:	raduate S	chool of Natu	ral and Applie	ed Science	25								
Detail:	Period:	2023-2024	Status:	Optiona	al Cl	lass: 1	Credits:	2203	ЕСТ	S: 6	Language	: Turkisl	1
			-						Cours	an A a			
Title Name an	d Surnam	INSTRUCTO	R				Title Name	and Surn		SE AS	SISTANT		
The, Name an	Phon	e:					nue, Name	Ph	ione:				
	Ema	il:						Ei	mail:				
Soci	al Accoun	it: -					S	ocial Acco	ount:				
Student Day	y and Tim	e: -					Student	Day and T	'ime:				
Lessons	Mon	nday	Tuesday		Wedne	esday	Thu	rsday		Frida	ıy	Satu	rday
Weekly													
Program:					-								
Rendering: Place	Face-to	-face lessons	s per week	4 It wil	ll be dor	ie on an h	ourly basi	s.					
Durnose	Unders	tanding how	v magnetic m	atorials	aro class	sified and	loarning	nagnotic	nroner	tios			
<i>1 ui pose.</i>	Dhysic	of Maar	naticm and	Magnat	ic Mat	oriale I	HI Due	chow	FR do	Room	Kluv	or Acad	lomic
Material:	/Plenum	Publishers,	2004	Magnet		eriais , r		, schow	r.n. ue	DUEI	, Kluw	el Atal	lenne
Student Responsibility :	Conduct	ing preparat	ion and resea	arch befo	ore and a	after the	lecture.						
	Week	Topic								Method			
	1	Atomic moments and their source								YY			
	2	An overview of some basic formulas and units Y									YY		
	3	Magnetic susceptibility and Curie Act Y									YY		
	4	Classification of magnetic materials										YY	
	5	Ferromanyetizma , Antiferromanyetizma and Ferrimagnetism											YY
Weekly Lesson	6	Paramanyetizma and Langevin diamanyetizması Y											YY
Plan	7	Ferromagnetism in Metals and Ferromagnetic Domains YY											YY
	8	Some techniques used in determining magnetic properties									YY		
	9	MIDTERM EXAM										YY	
	10	Permanent magnetism and magnetic anisotropy Y										YY	
	11	Parameteric Resonance									YY		
	12	Nuclear Magnetic Resonance										YY	
	13	Soft magnetic materials										VV	
		bort mugn	Method									Number	Weight
		Exam	Face									1	% 50
	_	Quiz	-									-	
Assessment and	Break	Homework											
Evaluation	Exam	Project	-									-	-
	General Exam	Face										1	% 5 0
	1	Ability to c	listinguish bet	ween ma	gnetic a	nd non-m	agnetic soli	ds					
Course	2 To be able to determine the relationship between magnetic properties and structural properties								roperties o	of solid			
Outcomes:	3	Ability to explain changes in the behavior of magnetic solids depending on external magnetic field and temperatu											
	4	Understanding the usage areas of magnetic solids depending on their magnetic properties											
Course Caral	5	ations											
Lourse-Specifi	ducation	Iduons:	o Eaco Educa	tion									
OE: DISTANCE E	uucation	, 11 : race-t	o-race Educa	11011									

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