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	¢17			FIRAT UNI	 VERSITY			Publication	Date 13	3.09.2021			
1975	-			Course Syll	abus Form			Revision Da Revision No	te -				
Code and	izeeo				EC		'		,				
Name:													
Unit: G	raduate S	chool of Natu	Iral and Applied Scie	ences	1 Cradita	2002	ECTS. (Language	Turkia				
Detuii:		2023-2024	Status: Option	onal Class:	I Credits:	3-0-0-3	EC15: 6	Language		1			
		ÍNSTRUCTO)R			C	DURSE ASS	İSTANT					
Title, Name and	l Surnam	e:			ſitle, Name	and Surnam	e:						
	Email:												
Socia	al Accoun	t: -			S	ocial Accoun	t:						
Student Day	and Tim	e: -			Student I	Day and Time	e:						
Lessons	Mon	day	Tuesday	Wednesday	Thur	rsday	Frida	V	Satu	rday			
Weekly		-	2	, in the second s		1111				2			
Program:													
Renderina:	Face-to	-face lesson	<mark>sperweek 3 It</mark>	will be done on	an hourly basi	S.							
Place:	vy. D	epartment o	of Physics Electrom	agnetic III	7								
	Wave Laboratory -												
Purpose:	Extract	extraction of Wave Equations in Plasma media and Application to Some Media											
Material:	Plasma	ma Physics Book											
Student													
Responsibility													
1													
	Week	Topic								Method			
	1	Maxwell'	s equations in plasn	na						YY			
	2	Isotropic plasma and Non -Isotropic plasma							YY				
	3	Magnetoplasm Propagation of electromagnetic waves in it and determination of boundary								vv			
		conditions											
	4	Energy of electromagnetic waves in plasma											
	5 Phase and group velocities of electromagnetic waves in plasma							YY					
Weekly Lesson	6	waves generated in plasma Fashions Determination											
Plun	2 8	Cold Plasma Wayes											
	9	Lotu Flasma Wayes								vv			
	10	Flectron Wave								vv			
	11	Ion wave								YY			
	12	Applications								YY			
	13	Problem solutions								YY			
	14 What Have We Learned?									YY			
			Method						Number	Weight			
		Exam	Face						1	% 50			
	Break Exam	Quiz	-						-				
Assessment and		Homework	-										
Evaluation		Project	-						-	-			
	Conorral	Face								0/ =			
	Exam	Face							1	% 5 0			
	1	Ability to (deduce Wave Equation	ons in any mediu	m				_	•			
	2	Internaliza	ation of some concer	ots in equations									
Course	3	Comprehension of Phase and Group velocities											
Outcomes:	4	Reduction	of wave equations d	lepending on vari	ous conditions								
	5		1										
Course-Specifi	c Explan	ations:											
UE: Distance E	ducation	; YY: Face-t	o-Face Education										

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