Code and Name:	FİZ5600 DYNAMICS OF PLASMA PHYSICS
Unit:	Graduate School of Natural and Applied Sciences
Detail:	**Period:** 2023-2024 **Status:** Optional **Class:** 1 **Credits:** 3-0-0-3 **ECTS:** 6 **Language:** Turkish

INSTRUCTOR	
Title, Name and Surname:	
Phone:	
Email:	
Social Account:	-
Student Day and Time:	-

COURSE ASSISTANT	
Title, Name and Surname:	.....
Phone:	.....
Email:	.....
Social Account:	.....
Student Day and Time:	.....

Lessons Weekly Program:	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			-			

Rendering:	**Face-to-face lessons per week 3 It will be done on an hourly basis.**
Place:	**YY:** Click or tap here to enter text. **UE:** -
Purpose:	**Plasma media and the study of static and dynamic processes in plasma media**
Material:	**Plasma Physics Book**
Student Responsibility :	

Weekly Lesson Plan

Week	Topic	Method
1	Pinch incident	YY
2	Confinement of plasma	YY
3	Plasma instabilities	YY
4	Magnetic mirror	YY
5	Techniques for measuring plasma	YY
6	Collisions in plasma	YY
7	Cold and hot plasma	YY
8	Boltzmann- Vlasov equations	YY
9	Boltzmann's equation in plasma	YY
10	Dynamic processes in cold plasma	YY
11	Active behaviors in cold plasma	YY
12	Hot plasma dynamics	YY
13	Static processes in hot plasma	YY
14	What We Learned and Summary	YY

Assessment and Evaluation

	Method		Number	Weight
Break Exam	Exam	Face	1	% 50
	Quiz	-	-	
	Homework	-		
	Project	-	-	-
General Exam	Face		1	% 50

Course Outcomes:

1	Recognize plasma and distinguish it from other Media
2	Recognition of dynamic and static processes in plasma
3	
4	
5	

Course-Specific Explanations:

UE: Distance Education; **YY:** Face-to-Face Education