Code and Name:	**FİZ5340 INTRODUCTION TO IONOSPHERE 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:** **Department of Physics Electromagnetic Wave Laboratory -** **UE:** **-**

Purpose: **Structure of the ionosphere and study of processes**

Material: **Ionosphere Physics Book and Lecture Notes**

Student Responsibility :

Weekly Lesson Plan

Week	Topic	Method
1	Neutral Atmosphere	YY
2	Measurement of electron density in the ion sphere	YY
3	Photochemical processes in the ion sphere	YY
4	Transport processes in the ion sphere	YY
5	Neutral winds	YY
6	Diffusion	YY
7	Province Effectiveness	YY
8	Physical structure of the ionosphere.	YY
9	Ionosphere indices	YY
10	Dynamic processes in the ionosphere	YY
11	Fluid model of the ionosphere	YY
12	Ionosphere fluid Equations	YY
13	Ionsphere Statistics	YY
14	What we've learned	YY

Assessment and Evaluation

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

Course Outcomes:

1	To gain general culture about the structure of the iyoksphere and the processes
2	
3	
4	
5	

Course-Specific Explanations:

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