T.C.
FIRAT UNIVERSITY
Course Syllabus Form

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Code and Name:	**FİZ5030 INTRODUCTION TO ATMOSPHERIC SCIENCE**
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 atmosphere and introduction of some physical processes**
Material:	**Atmospheric physics and lecture notes**
Student Responsibility:	

Weekly Lesson Plan

Week	Topic	Method
1	Atmosphere Physical Structure	YY
2	Atmospheric Condensities	YY
3	Temperatures And Molecular Mass	YY
4	Basic Components of the Upper Atmosphere	YY
5	Noble Gases	YY
6	Molecular And Inhomogeneous Structure	YY
7	In the thermosphere Temperature Gradient	YY
8	Photo Absorption	YY
9	X and UV Absorption of Rays	YY
10	Solar Radiation and Photoionization	YY
11	Photodecomposition	YY
12	Molecular Oxygen	YY
13	Ozone	YY
14	Changes in the Ozone Layer	YY

Assessment and Evaluation

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

Course Outcomes:

1	Atmospheric awareness
2	To comprehend the basic physical processes in the atmosphere
3	
4	
5	

Course-Specific Explanations:

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