

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
FZK-2024	Modern Astronomy	2.00	0.00	0.00	2.00	2.00
Course Detail						
<b>Course Language</b>	: Turkish					
<b>Qualification Degree</b>	: Bachelor					
<b>Course Type</b>	: Optional					
<b>Preconditions</b>	: Not					
<b>Objectives of the Course</b>	: To have a general knowledge about astronomy.					
<b>Course Contents</b>	: The objective of this course is to let the students get acquainted to have the knowledge about the general structure and properties of stars and Solar System.					
<b>Recommended or Required Reading</b>	: Presentations for the course.					
<b>Planned Learning Activities and Teaching Methods</b>	: -					
<b>Recommended Optional Programme Components</b>	: -					
<b>Instructors</b>	: Assoc. Prof. Dr. Filiz Kahraman Aliçavuş					
<b>Instructor's Assistants</b>	: -					
<b>Presentation Of Course</b>	: Face to face.					

## Course Outcomes

## Upon the completion of this course a student :

- 1 To have general information about astronomy.
- 2 Have knowledge about the planets in the sun and solar system.
- 3 Answer the question of what the star is.
- 4 Explain the general structures of comets, meteors and asteroids describing their concepts
- 5 Have knowledge about the calendars used in astronomy.

## Preconditions

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## Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods
1.Week	*General astronomy information				
2.Week	*The civilizations dealing with astronomy.				
3.Week	*The calendars used in astronomy.				
4.Week	*Coordinate systems used in astronomy.				
5.Week	*The Earth-centered universe model.				
6.Week	*Solar center universe model.				
7.Week	*Star and star types.				
8.Week	*Sun and its layers.				
9.Week	*Solar system and planets				
10.Week	*Solar system and planets				
11.Week	*Ways of transporting energy				
12.Week	* Comets, meteorites and asteroids, black hole, nova and supernova				
13.Week	* Comets, meteorites and asteroids, black hole, nova and supernova				
14.Week	*An overview				

## Assesment Methods %

1 Vize : 40.000

2 Final : 60.000

## ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Vize	1	2.00	2.00

