

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
FZK-2028	History of 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>	: Astronomy is one of the oldest branches of science, to understand the importance of astronomy in the history of science, to learn under what conditions the information obtained in history turned into scientific.					
<b>Course Contents</b>	: Astronomy is one of the oldest branches of science, to understand the importance of astronomy in the history of science, to learn under what conditions the information obtained in history turned into scientific.					
<b>Recommended or Required Reading</b>	: 1. The History and Practice of Ancient Astronomy, James Evans, oxford university press, 1998 2. A History of Astronomy, A. Pannekoek, Dover publication, New york, 1989 3. Astronomi Tarihi, Yavuz Unat, Nobel Akademik Yayıncılık, 2013					
<b>Planned Learning Activities and Teaching Methods</b>	: Oral presentation, homework					
<b>Recommended Optional Programme Components</b>	: None					
<b>Instructors</b>	: Assoc. Prof. Dr. Filiz Kahraman Aliçavuş					
<b>Instructor's Assistants</b>	: None					
<b>Presentation Of Course</b>	: Face to face, Oral presentation					

## Course Outcomes

## Upon the completion of this course a student :

- 1 Understanding when astronomy, sky surveys, began under what conditions
- 2 To be able to understand how the information obtained from the astronomical studies applied to daily life
- 3 Understanding the importance of astronomy in fields such as agriculture and maritime
- 4 Understanding the universe through astronomical observations
- 5 To comprehend the importance of astronomy in the future with the developing technology

## Preconditions

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## Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods
1.Week	*Science and History of Science				
2.Week	*Begining of astronomy				
3.Week	*Astronomy in ancient times				
4.Week	*Astronomy studies in ancient times				
5.Week	*Ancient philosophers and astronomers				
6.Week	*Ancient philosophers and astronomers				
7.Week	*Astronomy in the Middle East				
8.Week	*Tycho Brahe and Johannes Kepler				
9.Week	*Galileo Galilei and the birth of telescopes				
10.Week	*The birth of modern astronomy				
11.Week	*Newtonian era and later				
12.Week	*Modern astronomy				
13.Week	*Current situation in astronomy				
14.Week	*Astronomy in Turkey				

## Assesment Methods %

- 1 Md Term Exam 1 : 30.000
- 2 Final : 60.000
- 3 Ödev : 10.000

## ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Ödev	3	2.00	6.00

