Fizik Bölümü / PHYSICS /						
Course Code C	course Name	Teorical	Practice	Laboratory	Credits	ECTS
FZK-2028 H	listory of Astronomy	2.00	0.00	0.00	2.00	2.00
Course Detail						
Course Language	: Turkish					
Qualification Degree	: Bachelor					
Course Type	: Optional					
Preconditions	: Not					
Objectives of the Course	: Astronomy is one of the oldest branches of science, to understand the important information obtained in history turned into scientific.	nce of astronomy in t	ne history of so	ience, to learn ι	ınder what co	nditions the
Course Contents	: Astronomy is one of the oldest branches of science, to understand the importar information obtained in history turned into scientific.	nce of astronomy in t	ne history of so	ience, to learn ι	ınder what co	nditions the
Recommended or Required Reading	: 1. The History and Practice of Ancient Astronomy, James Evans, oxford univer New york, 1989 3. Astronomi Tarihi, Yavuz Unat, Nobel Akademik Yayıncılık, 20		History of Astr	onomy, A. Panr	ekoek, Dove	r publication
Planned Learning Activities Teaching Methods	and : Oral presentation, homework					
Recommended Optional Programme Components	: None					
Instructors	: Assoc. Prof. Dr. Filiz Kahraman Aliçavuş					
Instructor's Assistants	: None					
Presentation Of Course	: 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

 $2\, \hbox{To be able to understand how the information obtained from the astronomical studies applied to daily life}\\$ 

 $3\,\mbox{Understanding the importance of astronomy in fields such as agriculture and maritime}$ 

4 Understanding the universe through astronomical observations

 $5\,\mbox{To}$  comprehend the importance of astronomy in the future with the developing technology

## Preconditions

Course Code Course Name Teorical Practice Laboratory Credits ECTS

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 Mid 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

Activities	Count	Time(Hour)	Sum of Workload
Vize	1	2.00	2.00
Final	1	2.00	2.00
Class Hours (14 weeks)	14	2.00	28.00
Others	3	2.00	6.00
Make-up	1	2.00	2.00
		Total	: 46.00
		Sum of Workload / 30 ( Hour )	: 2
		ECTS	: 2.00

Program And OutcomeRelation																									
	P.O	). 1 F	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14	P.O. 15	P.O. 16	P.O. 17	P.O. 18	P.O. 19	P.O. 20	P.O. 21	P.O. 22	P.O. 23	P.O. 24
L.O. 1	3	3	2	4	2	3	5	5	2	0	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 2	5	5	5	5	5	4	5	5	2	5	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 3	3	3	4	4	3	3	4	3	2	3	5	2	3	0	0	0	5	0	0	0	0	0	0	0	0
L.O. 4	5	5	5	5	3	4	3	2	2	0	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0
L.O. 5	5	5	5	5	3	4	3	2	2	0	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0
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4	4	5	4	4	4	4	4	2	4	5	2	3	0	0	0	3	0	0	0	0	0	0	0	0
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