

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
FZK-2016	Introduction to Sky	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	: The aim of this course is to teach basic subjects in astronomy and astrophysics step by step and without going into mathematical details.					
Course Contents	: The course content includes the following topics: The location and the time in the universe, sky globe, coordinate systems, apparent motions, the time and the calendar, astronomical tools, the history of astronomy, solar system, the sun and the planets, the stars, the galaxies and the universe.					
Recommended or Required Reading	: (1) Astronomy and Space Sciences Course Book, Z.ASLAN, C.AYDIN, O.DEMİRCAN, H.KIRBIYK, E.DERMAN, Tekişik Publishing, Ankara-1996____(2) Astronomy: A Self-Teaching Guide, Dinah L. Moche, Wiley Self-Teaching Guides, 2009.					
Planned Learning Activities and Teaching Methods	: Lecturing, application/practice, presentation of some related slides, observation with small telescope					
Recommended Optional Programme Components	: -					
Instructors	: Res. Assist. Dr. Afşar Kabaş					
Instructor's Assistants	: -					
Presentation Of Course	: Face to face					

Course Outcomes

Upon the completion of this course a student :

- 1 will be able to indicate some main constellations and the planets on the celestial sphere
- 2 will be able to use a skyglobe simulation program
- 3 will be able to observe with the small telescopes
- 4 will be able to get the correct information by discovering the right sources
- 5 Will be able to distinguish between scientific knowledge and superstition

Preconditions

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Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods
1.Week	*Celestial Sphere in Astronomy, Coordinate Systems and Apparent Motions				
2.Week	*Location and Time				
3.Week	*Applications with Sky Globe Simulation Program				
4.Week	*Astronomic Tools				
5.Week	*Learning the Sky and Observation with Small Telescopes				
6.Week	*The History of Astronomy				
7.Week	*Astrology and the False Beliefs				
8.Week	*The Solar System				
9.Week	*Midterm				
10.Week	*The Sun				
11.Week	*The Stars				
12.Week	*The Galaxies and the Universe				
13.Week	*Life in the Universe and UFOs				
14.Week	*The Methods to Get Correct Information in Science				

Assesment Methods %

1 Md Term Exam 1 : 40.000

2 Final : 60.000

ECTS Workload

Activities	Count	Time(Hour)	Sum of Workload
Mid Term Exam 1	1	2.00	2.00
Final Exam	1	2.00	2.00

