PHILOSOPHY AND HISTORY OF SCIENCE

1	Course Title:	PHILOSOPHY AND HISTORY OF SCIENCE	
2	Course Code:	GKS0003	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Abamüslim AKDEMİR	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:		
17	Website:		
18	Objective of the Course:	This course helps to educate students who know the general concepts of the history of science, who can discuss the effects of scientific developments on philosophical thinking and understand the social, political and economic factors underlying these developments in order to contribute the necessary knowledge and skills in terms of education and training processes of today's conditions.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Knows the general concepts of the history of science and philosophy of science.
		2	Understands the relationship between the history of science and philosophy of science.
		3	) Learn the necessary conditions for the development of science.
		4	Establishes the relationship between science and technology.
		5	Learn the scientific method.
		6	Recognizes the philosophy behind scientific revolutions.
		7	Discovers the birth of science in the Islamic world.
		8	Realizes the importance of scientific activities in the Islamic world.
		9	He sees the process of today's understanding of science.
		10	Understands the value and place of today's scientific developments in our country in the world.
21	Course Content:		
	Course Content:		
Week	Theoretical		Practice

1	The main concepts of philosophy, science and philosophy of science.	
2	The main problems of the history and philosophy of science.	
3	Science, Philosophy and Scientific method.	
4	Historical development of sciences and philosophy.	
5	Science in ancient times. -Science in Egypt and Mesopotamia. -China and Hinde science. -Science in old Turks.	
6	Science and philosophy in Ancient Greece. -Helen Period.	
7	-Helenistic and Roman period.	
8	Science and philosophy in the Middle Ages.	
9	The rise of science in the islamic world .	
10	Science in the Islamic world.	
11	Science in the Renaissance.	
12	Science in the 17th and 18th century.	
13		

22	Textbooks, References and/or Other Materials	Akdemir, Abamüslim. (2019) "Fuat Sezgin ve Bilim Tarihi [illegible] Tarihi, Ankara: Türkiye Diyanet Vakfı Yayınları. [illegible] Topdemir, H: Gazi – Unat, Yavuz (2013) Bilim Tarihi, [illegible] Felsefesi, Pegem Akademi Yayınları.
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBE	WEIGHT
Midterm Exam	1	40.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	14.00	14.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							