

AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	History of Science and Hi	story of Science and History of Philosophy							
Course Code	EFS150	Couse Leve	Couse Level		First Cycle (Bachelor's Degree)				
ECTS Credit 3	Workload 75 (Hours) Theory	2	Practice	0	Laboratory	0		
Objectives of the Course	To give information about scientific knowledge from students with knowledge a	To give information about science, philosophy and scientific method; to inform about the formation of scientific knowledge from the first civilizations to the present day; classification of sciences; to provide students with knowledge about science and paradigm.							
Course Content	Science, philosophy, scie science; Science and phil Renaissance Europe; scie science, science (science Vienna and Frankfurt; Sci	ntific method; A osophy in Islam ence and philos), ideology, ethi ence criticism ir	ncient Gre nic culture; ophy in the cs and rel n the twen	eek, Medieval I Science in Me e age of enligh igion; science tieth and twent	Europe, Schola esopotamia; Se tenment; class and paradigms y-first centurie	astic philosophy cience and philos sification of scier s; Schools of tho es.	and sophy in nces; rught in		
Work Placement	N/A								
Planned Learning Activitie	Explanation	(Presenta	tion), Discussio	on, Case Stud	y, Individual Stud	dy			
Name of Lecturer(s)	OĞLU								

Assessment Methods and Criteria									
Method	Quantity	Percentage (%)							
Midterm Examination	1	40							
Final Examination	1	70							

Recommended or Required Reading

1	Bilim Tarihine Giriş, Nobel Yayınevi, Sevim Tekeli, Esin Kahya, Melek Dosay, Remzi Demir, Yavuz Unat
2	Bilim Felsefesi, Anı Yayıncılık, Veysel Sönmez
3	Bilim Tarihi, Tübitak Akademik Dizi, Colin A. Ronan
4	Bilim, Teknoloji ve Sosyal Değişme, Bahri Ata (Editör), Pegem Yayıncılık

Week	Weekly Detailed Cours	se Contents
1	Theoretical	Course contents and definition
2	Theoretical	Science, philosophy, scientific method
3	Theoretical	Empirical science in ancient civilizations
4	Theoretical	Science in Mesopotamia
5	Theoretical	Science in ancient Greece
6	Theoretical	Medieval Europe, Scholastic philosophy and science
7	Theoretical	Science and philosophy in Islamic culture geography
8	Intermediate Exam	Midterm exam
9	Theoretical	Science and philosophy in Renaissance Europe
10	Theoretical	Science and philosophy in the age of enlightenment
11	Theoretical	Classification of sciences
12	Theoretical	Science, science (science), ideology, ethics and religion
13	Theoretical	Science and paradigms
14	Theoretical	Schools of thought in Vienna and Frankfurt
15	Theoretical	Science criticism in the twentieth and twenty-first centuries
16	Final Exam	FINAL EXAM

Workload Calculation

Activity	Quantity Preparation		Duration	Total Workload	
Lecture - Theory	14 0		2	28	
Assignment	12	0	2	24	
Individual Work	9	0	1	9	
Midterm Examination	1	0	6	6	



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Course		10011	FOIIII

Final Examination	1	0	8	8			
		Total Workload (Hours)					
		[Total Workload (Hours) / 25*] = ECTS	3			
*25 hour workload is accepted as 1 ECTS							

Learning Outcomes

Learn	ing Outcomes
1	To be able to understand the birth and spread of scientific theories by using historical information
2	The history of science and the effects of social theories on the development process,
3	History of science interrelates with other intellectual activities such as philosophy, religion and art
4	The history of science seeks to recognize the importance of scientific knowledge in the formation of technical knowledge and the importance and importance of individuals in their daily lives.
5	Within the functions of the philosophy of science, understanding the phenomena through description and explanation, understanding the logical structure and nature of science.

Prog	ramme Outcomes (Early Childhood Teacher Education)
1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, technique for the plans in the learning process, by making instructional plans related to the subject-matter.
3	To be able to gain skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophies they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter
7	To be able to become individuals faithful to the Principles and Revolutions of Ataturk, be modern, democratic,, secular, protecting and deveoping one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture
9	To be able to become individuals believing in lifelong learning.
10	To be able to educate individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solution of these problems

Contril	bution	of Lea	rning	Outcon	nes to	Progra	mme	Outcomes	1:Very	' Low,	2:Low,	3:Medium	, 4:High,	5:Very	∕ High

	L1	L2	L3	L4	L5
P1	2	2	2	2	2
P2	2	2	2	2	2
P3	2	2	2	2	2
P4	2	2	2	2	2
P5	2	2	2	2	2
P6	2	2	2	2	2
P7	2	2	2	2	2
P8	1	1	1	1	1
P9	3	3	3	3	3
P10	2	2	2	2	3