

# HISTORY OF SCIENCE AND TECHNOLOGY

1	Course Title:	HISTORY OF SCIENCE AND TECHNOLOGY	
2	Course Code:	MAK3023	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. AGAH UĞUZ	
15	Course Lecturers:	Yok	
16	Contact information of the Course Coordinator:	guz@uludag.edu.tr 0224-2941966 Uludağ Üniv. Mühendislik-Mim. Fak. Görükle Bursa	
17	Website:		
18	Objective of the Course:	To tell the story of the birth and development of science.To follow the way of thinking brought about by science.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Students will have information about the development of science and technology.
		2	Students take courses in history and seeing that the future will learn to plan accordingly.
		3	Öğrenci bilim adamlarının yaşam öykülerinden ve önemli bilimsel gelişmelerden etkilenerek bilimsel coşku ve araştırmacı kişilik kazanır
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Definition of Science and Technology. The difference between science and technology. What is the history of science? Method in science		

2	Science in Ancient Civilizations: Egypt, Mesopotamia and Science in Ancient Greek.	
3	Science in Ancient Civilizations: Egypt, Mesopotamia and Science in Ancient Greek.	
4	Science in medieval Europe and the Islamic World	
5	Scholastic Period in science. Renaissance and Science: Developments inAstronomy, chemistry, medicine, physics and mathematics.	
6	Method awareness in science, science academies. Age of Enlightenment and Science.	
7	Documentary video films about some invention. (1. exam)	
8	Industrial Revolution and Science.	
9	Modern Science.	
10	In Ottoman Science and Technology	
11	History of Mining and Metallurgy.	
12	Name of the issuer and its unit of measure. (2. Midterm)	
13	Important events and names in the formation of modern science.	
14	Documentary video films about some invention.	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Demir....., Nobel,2001. 3. Madencilik ve Metalurji Tarihi. Zeki Tezkitansaray	2	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self-Study/Assessment/Preperation		0	0.00	0.00
Homeworks		1	10.00	10.00
Projects		0	0.00	0.00
Midterm Exam		2	30.00	
Field Studies		0	0.00	0.00
Midterm exams		2	15.00	30.00
Home work-project		1	10.00	
Others		0	0.00	0.00
Final Exam		1	15.00	
Final Exams		1	15.00	15.00
Total		4	100.00	
Total Work Load				83.00
Contribution of Term (Year) Learning Activities to Success Grade				2.77
ECTS Credit of the Course				3.00
Total		100.00		
Measurement and Evaluation Techniques Used in the Course				

24	ECTS / WORK LOAD TABLE
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ÖK3	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							