

“History of Science” INDIVIDUAL COURSE DESCRIPTION

Course Unit Title		History of Science	
Course Unit Code		GCC 303	
Type of Course Unit		Compulsory	
Level of Course Unit		3st Year BSc	
Number of ECTS Credits Allocated		4 ECTS	
Theoretical (hour/week)		2	
Practice (hour/week)		-	
Laboratory (hour/week)		-	
Year of Study		3	
Semester when the course unit is delivered		5	
Name of Lecturer (s)		Assist. Prof. Dr. Nur Yeliz Gülcan	
Mode of Delivery		Face to Face	
Language of Instruction		English	
Prerequisites and co-requisites		None	
Recommended Optional Programme Components		None	
Work Placement(s)		None	
Objectives of the Course		To provide an introduction to the fundamental concepts of history of science.	
Learning Outcomes		Students will be able to 1-learn what science is 2- learn the roots of science 3- understand historical development of science 4- discuss the relationship between science and society 5- Learn some important scientists and their inventions.	
Course Contents			
Weekly Detailed Course Contents	WEEKS	TOPICS	
		Theoretical Courses	Application
	1	Introduction	
	2	What is science?	
	3	Ancient Civilizations (Egypt, Mesopotamiam)	Watch documentary
	4	Ancient Greek	
	5	Hellenistic Period	Watch documentary
	6	Ancient Rome	
	7	Midterm	
	8	Middle Ages (Christian Sphere)	
	9	Middle Ages (Islamic World)	Watch documentary
	10	Science in Renaissance	Watch documentary
11	Modern science		

	12	Modern science	
	13	Review	
	14	Final Exam	
Textbook / Material / Recommended Readings	<p>TEXT BOOKS: Williams, Henry Smith. <i>A History of Science. Gutenberg E- Book, 2013.</i></p> <p>COURSE TOOLS: Lecture Based, computer, slide projector.</p>		
ASSESSMENT			
Semester (Year) Interior Activities	Number	Semester (year) Note the % Contribution to	
Attendance		10	
Homework	1	10	
Midterm Exam	1	80	
TOTAL		100	
Semester (year) Grades of Domestic Contribution Activities		50	
Semester (year) of the Final Exam grade Contribution		50	
	TOTAL	100	
Course Learning, Teaching and Assessment Activities in the Framework Calculation of the workload			
Activities	Number	Duration (hour)	Total Workload(hour)
Hours per week (theoretical)	14	2	28
internet and library research.	3	7	21
Preparing and presentations of homework.	1	15	15
Supervision			
a) Midterm Examination	1	1	21
b)Self-study for exam	1	20	
Final Exam			
a) Exam	1	1	21
b) Test for individual studies	1	20	
Reading books and articles	3	5	15
TOTAL WORKLOAD (hour)=121			
AKTS CREDIT COURSE = Total Work Load(hour)/(30 hours/AKTS)= 121/30 \cong 4			