Course Syllabus

Code - Course Title	**FEL602 - History and Philosophy of Science**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. İLKNUR KARA

Mode of Delivery	The mode of delivery of this course is face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None
Recommended Resources	Ural, Ş. (2000) Bilim Tarihi, Çantay Kitabevi Tekeli, S. (v.d.), Bilim Tarihine Giriş, Nobel Yayıncılık Kayre, A., Bilim Tarihi Yazıları, Tübitak Popüler Bilim Kitapları Bahadır, O., Bilim Tarihi Yazıları, İzdüşüm Yayınları Asimov, I., Bilim ve Buluşlar Tarihi, İmge Kitabevi Yıldırım, C., 100 Soruda Bilim Tarihi, Gerçek Yayınevi.
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to History of Science	
Week - 2		Introduction to History of Science, Characteristics of Scientific Knowledge	
Week - 3		Early Civilizations: Science in China, India and Central Asia	
Week - 4		Science in Ancient Times: Egypt and Mesopotamia	
Week - 5		Science in Ancient Greece	
Week - 6		Science in the Hellenistic Period	
Week - 7		Exam	
Week - 8		Science in Middle Age in Europe	
Week - 9		Science in Islamic World	
Week - 10		Renaissance and Modern Science, Science in the XVII and XVIII centuries	
Week - 11		Science in the XVII and XVIII. centuries, Industrial revolution and science	
Week - 12		Contemporary Science	
Week - 13		Article Review	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Article Review	

Learning Outcomes

#	Learning Outcome
1	Explain the scientific studies in Ancient Egypt and Mesopotamia.
2	Explain the development of science in Ancient Greek.
3	Evaluate scientific developments in medieval Europe and the Islamic world.
4	Explain the scientific study in the Renaissance period.
5	Express contributions of Newton to science.
6	evaluate scientific developments in the Age of Enlightenment.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	20
Final Exam	1	40

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
Homework	1	40
	Sum (%)	**100**