Course Syllabus

Code - Course Title	**İYE508 - Science History,Research and Reflections on Primary School**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
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 distance education.
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

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to History of Science	
Week - 2		Early Civilizations and Science in Ancient Age: Science in China, Indian and Central Asia	
Week - 3		Science in Ancient Times: Egypt and Mesopotamia	
Week - 4		Science in Ancient Times: Science in Ancient Greek	
Week - 5		Science in Ancient Times: Hellenistic Age	
Week - 6		Science in Middle Age in Europe	
Week - 7		Exam	
Week - 8		Science in Islamic World	
Week - 9		Renaissance and Modern Science	
Week - 10		Science in the XVII. century	
Week - 11		Science in the XVIII century	
Week - 12		Contemporary Science	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Reflections of History of Science in Primary Education	
Week - 14		Reflections of History of Science in Primary Education	

Learning Outcomes

#	Learning Outcome
1	Explain the scientific studies in Ancient Egypt - Mesopotamia and Ancient Greek.
2	Explain the development of science in the Hellenistic period.
3	Evaluate scientific developments in medieval Europe and the Islamic world.
4	Explain the scientific study in the Renaissance period.
5	Explain the scientific developments in the XVII and XVIII. century.
6	Explain how science history can be used in primary school courses.

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.