Course Syllabus

Code - Course Title	**MAT416 - Designing Web-based Projects in Mathematics Education**
Course Type	VII. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Elective Course
Course Instructor(s)	PROF. DR. HÜSEYİN BAHADIR YANIK

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	WebQuests
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Web-based learning; Use of Internet	
Week - 2		Web-based learning in Mathematics Education	
Week - 3		History of Web-based projects; Theoretical	
Week - 4		Problem solving and Web-based projects; Resources for web-based projects on the Internet	
Week - 5		Examining web-based projects on the Internet	
Week - 6		Examining web-based projects on the Internet	
Week - 7		Examining sample web-based projects accross grade levels	
Week - 8		Using and evaluating web-based projects	
Week - 9		Phases of designing Web-based projects	
Week - 10		Designing web-based mathematics projects	
Week - 11		Designing web-based mathematics projects	
Week - 12		Designing web-based mathematics projects	
Week - 13		Designing web-based mathematics projects	
Week - 14		Designing web-based mathematics projects	

Learning Outcomes

#	Learning Outcome
1	explain the nature of web-based learning.
2	explain the possible use of Internet sources for educational purposes.
3	explain the theoretical foundations of WebQuests
4	see examples of WebQuests on the Web.
5	evaluate and use WebQuests.
6	explain the phases of designing WebQuests.
7	create WebQuests.

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	30
Final Exam	1	40
Homework	1	30
	Sum (%)	**100**