

Course Code	Course Name	Teorical	Practice	Laboratory	Credits	ECTS
GE420	WEB CARTOGRAPHY	3.00	0.00	0.00	3.00	6.00
Course Detail						
Course Language	: Turkish					
Qualification Degree	: Bachelor					
Course Type	: Optional					
Preconditions	: Not					
Objectives of the Course	: Gaining knowledge and experience in internet publishing on map usage, geographic data sources, application programming interfaces (API)					
Course Contents	: Introduction and overview of HTML. HTML page structures. Scripting with JavaScript and Cascading Style Sheets.					
Recommended or Required Reading	: Lecture notes and http://www.w3schools.com					
Planned Learning Activities and Teaching Methods	: Face to face education and laboratuary applications.					
Recommended Optional Programme Components	: Participation in the course is important because the topics are related to each other and the applications of each subject are done within the same course hours. Because of both theoretical and computer-based lecture, it is very difficult to compensate for those who cannot attend a course.					
Instructors	: Dr. Öğr. Üyesi Osman Sami Kırtıloğlu					
Instructor's Assistants	: The course is given by the instructor only.					
Presentation Of Course	: The course is taught theoretically with presentation techniques. Students apply theoretically given topics with computer examples. After each subject, the examples of the subject are applied by the students, question-answer method is provided to reinforce the subject.					
En Son Güncelleme Tarihi:	:					

Course Outcomes

Upon the completion of this course a student :

1 Understanding the structure of the HTML language, creating web pages with HTML
2 Understanding JavaScript programming language, writing scripts to HTML pages with this language
3 Understand the Google Maps API programming interface, create web pages with maps using this service
4 Understanding computer programming languages and solving problems with these languages.
5 Publishing maps on Internet environment.

Preconditions

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Weekly Contents

	Teorical	Practice	Laboratory	Preparation Info	Teaching Methods	Course Learning Outcomes
1.Week	*Introduction to Hyper Text Markup Language		*Hands-on applications of theoretically presented contents.			
2.Week	*Hyper Text Markup Language		*Hands-on applications of theoretically presented contents.			
3.Week	*Hyper Text Markup Language		*Hands-on applications of theoretically presented contents.			
4.Week	*Hyper Text Markup Language		*Hands-on applications of theoretically presented contents.			
5.Week	*JavaScript		*Hands-on applications of theoretically presented contents.			
6.Week	*JavaScript		*Hands-on applications of theoretically presented contents.			
7.Week	*JavaScript		*Hands-on applications of theoretically presented contents.			
8.Week	*JavaScript		*Hands-on applications of theoretically presented contents.			
9.Week	*Midterm Exam		*Hands-on applications of theoretically presented contents.			
10.Week	*Google Maps API		*Hands-on applications of theoretically presented contents.			
11.Week	*Google Maps API		*Hands-on applications of theoretically presented contents.			
12.Week	*Google Maps API		*Hands-on applications of theoretically presented contents.			
13.Week	*Google Maps API		*Hands-on applications of theoretically presented contents.			
14.Week	*Google Maps API		*Hands-on applications of theoretically presented contents.			

Assesment Methods %
1 Final : 60.000
2 Mdterms : 40.000

ECTS Workload			
Activities	Count	Time(Hour)	Sum of Workload
Vize / Midterms	1	2.00	2.00
Final / Final	1	2.00	2.00
Derse Katılım / Attending lectures	14	3.00	42.00
Uygulama / Pratik Sonrası Biresysel Çalışma / Individual study after Application / Practice	15	5.00	75.00
Ara Sınav Hazırlık / Preparation for midterm	1	20.00	20.00
Final Sınavı Hazırlık / Preparation for final	1	30.00	30.00
			Total : 171.00
			Sum of Workload / 30 (Hour) : 6
			ECTS : 6.00

Program And OutcomeRelation											
	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11
L.O. 1	0	5	0	5	0	0	0	5	0	0	0
L.O. 2	0	5	0	3	0	0	0	5	0	0	0
L.O. 3	0	5	0	4	0	0	0	5	0	0	0
L.O. 4	0	5	0	5	0	0	0	5	0	0	0
L.O. 5	0	3	0	5	0	0	0	5	0	0	0