

WEB INTERFACE DESIGN

1	Course Title:	WEB INTERFACE DESIGN
2	Course Code:	IYS3221
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. MELİH ENGİN
15	Course Lecturers:	Doç.Dr. Melih ENGİN
16	Contact information of the Course Coordinator:	Doç.Dr. Melih ENGİN 0224 294 26 95 melihengin@uludag.edu.tr
17	Website:	
18	Objective of the Course:	Students taking this course are expected to develop creative and innovative design solutions for interactive environments using interface design.
19	Contribution of the Course to Professional Development:	It provides all kinds of infrastructure for algorithm analysis and data structure models needed in mathematical model creation and any subject that includes data, and enables to develop the best solution on the computer.
20	Learning Outcomes:	
	1	Teaches object-oriented JavaScript concepts and the ability to adapt interactivity to projects.
	2	Designing dynamic web sites whose message can be understood.
	3	It develops dynamic websites for usability and usefulness.
	4	Ability to develop useful information architecture and graphical user interfaces for web design
	5	To be able to apply design elements and presses to web designs.
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21	Course Content:	
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Week	Theoretical	Practice
1	Introduction to dynamic web development	Application of the relevant week.
2	JavaScript "events" and "functions"	Application of the relevant week.
3	"Framework" and "Templates"	Application of the relevant week.

4	Database analysis and forms	Application of the relevant week.
5	Introduction to JSON	Application of the relevant week.
6	Mid Term Project	Application of the relevant week.
7	Mid Term Project	Application of the relevant week.
8	Introduction to CSS and HTML 5	Application of the relevant week.
9	Advanced techniques in CSS and HTML 5	Application of the relevant week.
10	Combining CSS, HTML 5 and JavaScript	Application of the relevant week.
11	Combining CSS, HTML 5 and JavaScript	Application of the relevant week.
12	Final Project	Application of the relevant week.
13	Final Project	Application of the relevant week.
14	Final Project	Application of the relevant week.

22	Textbooks, References and/or Other Materials:	İnteraktif Media Tasarımında Temel Adımlar (Oğuzhan Özcan) About Face: The Essentials of Interaction Design, Alan Cooper, Robert Reimann, David Cronin, Christopher Noessel Simple and Usable Web, Mobile, and Interaction Design, Giles Colborne
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23	Assesment
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TERM LEARNING ACTIVITIES		NUMBER	WEIGHT		
Midterm Exam		1	40.00		
Activites		Number		Duration (hour)	Total Work Load (hour)
Theoretical		14		2.00	28.00
Total		2	100.00		
Practicals/Labs		14		2.00	28.00
Self-study and preparation		0		0.00	0.00
Homeworks		0		0.00	0.00
Projects		0		0.00	0.00
Total		100.00			
Field Studies		0		0.00	0.00
Measurement and Evaluation Techniques Used in the Course		1		30.00	30.00
Others		0		0.00	0.00
Final Exams		1		40.00	40.00
Total Work Load					156.00
Total work load/ 30 hr					4.20
ECTS Credit of the Course					4.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	1	0	2	2	0	3	4	0	3	0	4	0	0	0	0	0
ÖK2	2	0	2	3	0	3	3	0	3	0	4	0	0	0	0	0
ÖK3	2	0	1	3	0	3	4	0	3	0	4	0	0	0	0	0
ÖK4	2	0	2	2	0	3	3	0	3	0	4	0	0	0	0	0

ÖK5	2	0	2	2	0	2	4	0	3	0	4	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							