ESOGÜ Mathematics and Computer Sciences Department
COURSE INFORMATION FORM

SEMESTER	Fall

COURSE CODE	821617028	COURSE NAME	Internet Programming I

SEMESTER	WEEKLY COURSE PERIOD			COURSE OF			
	Theory	Practice	Labratory	Credit	ECTS	TYPE	LANGUAGE
7	2	2	0	3	10	COMPULSORY (X) ELECTIVE ( )	Turkish

COURSE CATAGORY		
Mathematics	Computer	Social Science
	X	

ASSESSMENT CRITERIA			
	Evaluation Type	Quantity	%
MID-TERM	1st Mid-Term		
	2nd Mid-Term		
	Quiz		
	Homework		
	Project	1	50
	Report		
	Others (……)		
FINAL EXAM		1	50

PREREQUIEITE(S)	None
COURSE DESCRIPTION	XHTML, CSS, introduction to javascript, data types, operators, arrays, control structures, functions, events, objects, forms.
COURSE OBJECTIVES	The aim of the course is to introduce the concepts and techniques involved in the basic topics listed in this lecture and to develope the skills in web based programs applying those concepts and techniques.
ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUATION	Gain the ability to design dynamic web pages.
COURSE OUTCOMES	Develop dynamic web pages, learn about the intended use of script, know the difference between client-side and server-side web applications and have information about database management.
TEXTBOOK	İbrahim Çelikbilek, JavaScript, Kodlab Yayıncılık, 2. baskı, 2010.
OTHER REFERENCES	Salih Baltalı, JQUERY, Kodlab Yayıncılık, 2. baskı, 2011.
TOOLS AND EQUIPMENTS REQUIRED	Server for the publish a web site and personal computers.

COURSE SYLLABUS	
WEEK	**TOPICS**
1	XHTML
2	CSS
3	Introduction to Javascript, Data Types
4	Operators
5	Arrays
6	Arrays
7	Control Structures
8	Midterm
9	Functions
10	Functions
11	Events
12	Objects
13	Forms
14	Project Presentation
15	Project Presentation
16,17	Final Exam

NO	PROGRAM OUTCOMES	3	2	1
1	The ability to apply knowledges of Mathematics and Computer Sciences,	**X**		
2	To have sufficient theoretical and practical knowledge of Mathematics at international level,		**X**	
3	The ability of describing, modelling and solving of mathematical problems at Mathematics and related subjects,		**X**	
4	The skill to solve and design a problem process in accordance with a defined target,		**X**	
5	Skills to analyze data, interpret and apply to other datum and using these data on computer,	**X**		
6	The skill to use the modern techniques and computational tools needed for mathematical applications,	**X**		
7	The skill to make team work within the discipline and interdisciplinary,		**X**	
8	The ability to improve oneself by following the developments on other modern, scientific and technological subjects as well as Mathematics and Computer Sciences,		**X**	
9	The skill to communicate orally and in written way, in a clear and concise manner by having individual work skills and ability to independently decide and analytical thinking,		**X**	
10	The skill to have professional and ethical responsibility,		**X**	
11	The skill to have consciousness for quality issues and scientific research,		**X**	
12	The skill to be sensitive to environmental issues related with problems and development of living area and consistent in the social relations,		**X**	
13	Ability to solve problems in the working life faced to find an appropriate algoritms via mathematical modeling and to write computer programs,	**X**		
14	The skill to developed design of software systems at different complex levels,	**X**		
15	The credence of necessity of life-long learning and ability to apply the formation long-life learning.		**X**	
1:None. **2**:Partially contribution. **3**: Completely contribution.				

Instructor(s): Prof. Dr. Bülent SAKA

Signature: **Date:** 29.08.2022