

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
FUNDAMENTALS of WEB DESIGN	MIS2110872	Fall Semester	3+0	3	6
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Assist.Prof. Kevser ŞAHİNBAŞ				
<b>Name of Lecturer(s)</b>	Assist.Prof. Kevser ŞAHİNBAŞ				
<b>Assistant(s)</b>					
<b>Aim</b>	The aim of this course is to teach the students Responsive Web Page by using HTML, CSS and JavaScript and to provide the concept of what should be done in order to get a commercial web page ready for presentation.				
<b>Course Content</b>	This course contains; Introduction to Web Concept and HTML,HTML5,Advanced HTML5,Basic Level CSS3,Intermediate CSS3,Advanced CSS3,CSS- Responsive Design,Web Page Design Project and Responsive Design,Bootstrap 4,Javascript Fundamentals, Data Types, Objects and Operators,DOM Manipulation with Javascript and Events,ToDo List Project,Example Web Page Application.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
1. Will be able to explain basic information about internet technologies before learning web design.			6	F	
1.1 Explains basic information about the Internet infrastructure.			6	F	
1.2 Explains new developments in internet technology.			14, 6	F	
2. Will be able to explain HTML structure.			6	F	
2.1. Recognizes HTML structure.			6	F	
2.2. Able to apply advanced HTML5 tags.					
3. Will be able to determine the content, presentation and behavior forms to the page, layers and behavior types in the web page.			6	F	
3.1 Uses information about creating dynamic web pages.			6	F	
3.2. Distinguishes types of web pages.			6	F	
4. Applies basic, intermediate and advanced CSS codes.			6	F	
4.1. Performs design with CSS codes.			6	F	
4.2. Understands and applies the logic of Responsive Web Page.			14, 6	A	
5. Will be able to create a web page.			6	F	
5.1 Creates a template on Web pages.			6	F	
5.2 Recognizes HTML elements.			6	F	
6. Applies JavaScript codes at a basic level.			6	F	
6.1. Have basic programming knowledge in Javascript language.					
6.2. Creates a Hamburger menu on a web page using Javascript.					
<b>Teaching Methods</b>	14: Self Study Method, 6: Experiential Learning				
<b>Assessment Methods</b>	A: Traditional Written Exam, F: Project Task				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction to Web Concept and HTML				
2	HTML5				
3	Advanced HTML5				
4	Basic Level CSS3				
5	Intermediate CSS3				
6	Advanced CSS3				
7	CSS- Responsive Design				
8	Web Page Design Project and Responsive Design				
9	Bootstrap 4				
10	Javascript Fundamentals, Data Types, Objects and Operators				
12	DOM Manipulation with Javascript and Events				
13	ToDo List Project				
14	Example Web Page Application				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
(Midterm Exam) Project for Midterm		40			
Midterm Exam		40			
(General Exam) Question from projects (%20) in the General Exam		20%			
General Exam		60			
<b>Resources</b>					
Front-End Back-End Development with HTML, CSS, JavaScript, JQuery, PHP, and MySQL, Jon Duckett, ISBN: 9781119813095, 1119813093, Wiley, 2022.-HTML and CSS, Design and Build Websites, Jon Duckett, ISBN: 9781118008188, 1118008189, Wiley, 2011. -HTML, CSS, and JavaScript All in One: Covering HTML5, CSS3, and ES6, Sams Teach Yourself 3rd Edition, by Julie Meloni , Jennifer Kyryn					