

**Vocational School / Computer Programming**

**2023 - 2024 Academic Year**

**FUNDAMENTAL of WEB DESING**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
FUNDAMENTAL of WEB DESING	BPR1114985	Fall Semester	3+0	3	7
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Short Cycle (Associate's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Lect. Beyza KOYULMUŞ				
<b>Name of Lecturer(s)</b>	Lect. Yasemin CÜNİ				
<b>Assistant(s)</b>	Visual Studio Code - Node.js				
<b>Aim</b>	The aim of this course is to provide students with comprehensive knowledge and competencies about the basics of web design and web-based programming.				
<b>Course Content</b>	This course contains; Introduction Basics of Web Design,HTML (Hypertext Markup Language) - Basics,CSS Basics - Integration, Styling and Formatting,CSS Basics - Page Layout, Git Usage,Responsive Design Basics,Application,Using CSS Preprocessor,CSS FrameworksFast design techniques with Bootstrap framework,CSS FrameworksTailwind CSS's utility-first approach and usage,JavaScript Basics - Language Structure,JavaScript Basics - DOM and Events,Projects and Teamwork,Project Development.				
<b>Course Learning Outcomes</b>		<b>Teaching Methods</b>	<b>Assessment Methods</b>		
Understands the basics of web design		14, 2, 5, 6, 9	A, E, F		
Learn CSS basics		12, 14, 2, 5, 8, 9	A, E, F, G		
Learn the basics of HTML		12, 14, 6, 8, 9	A, E, F, G		
Understands JavaScript basics		12, 14, 2, 5, 6, 8	A, E, F, G, H		
Develops a web application project		12, 14, 16, 2, 6, 8, 9	A, E, F, G		
<b>Teaching Methods</b>	12: Problem Solving Method, 14: Self Study Method, 16: Question - Answer Technique, 2: Project Based Learning Model, 5: Cooperative Learning, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework, F: Project Task, G: Quiz, H: Performance Task				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction Basics of Web Design				
2	HTML (Hypertext Markup Language) - Basics				
3	CSS Basics - Integration, Styling and Formatting				
4	CSS Basics - Page Layout				
5	Git Usage				
6	Responsive Design Basics				
7	Application				
8	Using CSS Preprocessor				
9	CSS FrameworksFast design techniques with Bootstrap framework				
10	CSS FrameworksTailwind CSS's utility-first approach and usage				
11	JavaScript Basics - Language Structure				
12	JavaScript Basics - DOM and Events				
13	Projects and Teamwork				
14	Project Development				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			

<b>Resources</b>
Lecture Presentations