

Vocational School / Computer Programming

2024 - 2025 Academic Year

FUNDAMENTAL of WEB DESING

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
FUNDAMENTAL of WEB DESING	BPR1114985	Fall Semester	3+0	3	7
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Required				
Course Coordinator	Lect. Beyza KOYULMUŞ				
Name of Lecturer(s)	Lect. Rahime Büşra HACIMUSTAFAOĞLU				
Assistant(s)	Visual Studio Code - Node.js				
Aim	The aim of this course is to provide students with comprehensive knowledge and competencies about the basics of web design and web-based programming.				
Course Content	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.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
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	
Teaching Methods	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				
Assessment Methods	A: Traditional Written Exam, E: Homework, F: Project Task, G: Quiz, H: Performance Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
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				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			
Resources					
Lecture Presentations					