

Course title	Code	semester	T+U	credit	ECTS
Web Programming 2	YM407	4	2+2	3	3
Prerequisite Courses	None				
Language of the Course	English				
Course Level	Undergraduate				
Type of Course	Optional				
Course Coordinator					
Instructors					
Course Assistants					
The aim of lesson	It is aimed to gain the ability to develop dynamic web applications consisting of multiple pages running on the database using PHP.				
Course Content	using HTML form tags and scripts for dynamic pages , jQuery , Ajax , XML and Json , CSS3, Browser Differences and Solutions, HTML 5 and Important Innovations, SEO, Framework, MVC Structure, Frameworks Used with PHP , Advanced Web Applications, Comet Method, WebGL , Web Sockets.				
Course Learning Outcomes	<p>Students who successfully complete this course;</p> <ol style="list-style-type: none"> 1. Will be able to explain the basic concepts of Web Programming. 2. Being able to design and configure Web Programming software. 3. To be able to apply Responsive Web Design techniques with HTML, CSS and JavaScript in a radical way. 				
Weeks	Topics				
one	General introduction, objectives of the course				
2	JavaScript , HTML, CSS				
3	Distributed systems				
4	Networks and Sockets				
5	Authentication and Testing				
6	Mobile and Desktop Web Applications Development				
7	Mobile and Desktop Web Applications Development				
8	Mobile and Desktop Web Applications Development				
9	Cloud deployment				
10	BackEnd (Server Operations)				
11th	FrontEnd (Client Processes)				
12	HTTP Requests				
13	SQL injection				
14	MVC Structure				
15	Project presentations				
General Competencies					
To be able to research and learn about any given software engineering technical concept in the most accurate way.					
resources					
Robert W “Programming the World Wide Web”, 8/E. Sebesta , University of Colorado, Colorado Springs, 2015, ISBN-10: 0133775984					
Evaluation System					
The dates, days and hours of the Midterm Exam, Quiz, Final Exam and Evaluations will be announced later, according to the decision of the Faculty Administrative Board.					

WITH PROGRAM LEARNING OUTCOMES COURSE LEARNING OUTCOMES RELATIONSHIP TABLE											
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
INCREASE 1	5	5	5	5	4	4	4	3	5	4	4
INCREASE 2	5	4	4	4	5	3	4	3	5	3	2
INCREASE 3	5	5	5	4	5	3	3	3	3	3	3
LO: Learning Outcomes OP: Program Outcomes											
Contribution Level	1 Very Low		2 Low		3 Medium		4 High		5 Very High		

Relation of Program Outcomes and Related Course

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Introduction to Software Engineering	5	5	5	4	5	3	4	3	4	3	3