

**Content**

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
COM215	Web Programming	3	2	0	0	2	3

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Elective
Course Level	Bachelor Degree
Objective	This course aims to teach students the basic principles of creating / coding a website. Throughout the learning period, students learn and experience how to develop, manage and maintain professional websites using HTML, CSS and Javascript. Besides pre-production planning, template extraction and design, basic internet concepts as well as legal and ethical information needed in the management of a web site are also presented.
Content	<p>[1] Internet: Definition and Basic Concepts</p> <p>[2] Introduction to Web Programming</p> <p>[3] The difference between Web site and Web Programming</p> <p>[4] Introduction to HTML - Tags, basic building blocks</p> <p>[5] HTML Table, Divler, Forms</p> <p>[6] Introduction to CSS</p> <p>[7] HTML &amp; CSS</p> <p>[8] Introduction to JavaScript</p> <p>[9] JavaScript Variables - Functions - Logical Operations</p> <p>[10] JavaScript Cycles - Triggers</p> <p>[11] What is Bootstrap?</p> <p>[12] Jquery programming</p> <p>[13] Introduction to database - Linq</p> <p>[14] Presentation of projects given to students for practical purposes</p>
References	<p>A Complete Guide To Internet And Web Programming Deven N. Shah</p> <p>Just Enough Web Programming with XHTML, PHP, and MySQL Guy W. Lecky-Thompson</p> <p><a href="http://www.w3schools.com">www.w3schools.com</a></p>

**Theory Topics**

Week	Weekly Contents
1	Internet: Definition and Basic Concepts
2	Introduction to Web Programming
3	The difference between Web site and Web Programming
4	Introduction to HTML - Tags, basic building blocks
5	HTML Table, Divler, Forms
6	Introduction to CSS
7	HTML & CSS
8	Introduction to JavaScript
9	JavaScript Variables - Functions - Logical Operations
10	JavaScript Cycles - Triggers

<b>Week</b>	<b>Weekly Contents</b>
11	What is Bootstrap?
12	Jquery programming
13	Introduction to database - Linq
14	Presentation of projects given to students for practical purposes