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 | [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 [11] What is Bootstrap? [12] Jquery programming [13] Introduction to database - Linq [14] Presentation of projects given to students for practical purposes |
| References | A Complete Guide To Internet And Web Programming Deven N. Shah Just Enough Web Programming with XHTML, PHP, and MySQL Guy W. Lecky-Thompson www.w3schools.com |

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 |

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