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| **COURSE INFORMATON** |
| **Course Title** | *Code* | *Semester* | *L+P Hour* | *Credits* | *ECTS* |
| **Web Programming and Web Design** | ACM522 | 1 | 3 | 3 | 8 |

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| **Prerequisites** | - |

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| **Language of Instruction** | English http://www.ebs.sakarya.edu.tr/img/img_flags/tr.png |
| **Course Level** | Master Degree |
| **Course Type** | Compulsory |
| **Course Coordinator** |  |
| **Instructors** | Yrd.Doç.Dr. Uğur Kaplancalı |
| **Assistants** |  |
| **Goals** | To teach the students fundamentals of website design. |
| **Content** | Website design basics, HTML and CSS. |

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| **Learning Outcomes** | **Teaching Methods** | **Assessment Methods** |
| Fundamentals of HTML | 1,2,3 | A,B,C,D,E |
| Using Cascading Style Sheets | 1,2,3 | A,B,C,D,E |

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| **Teaching Methods:** | 1: Lecture, 2: Question-Answer, 3: Discussion  |
| **Assessment Methods::** | A: Exam, B:Presentation, C: Homework, D: Project, E: Laboratory  |

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| **DERS AKIŞI** |
| **Hafta** | **Konular** | **Ön Hazırlık** |
| 1) | Basics of HTML | Course notes |
| 2) | Adding text and formatting text | Course notes |
| 3) | Adding pictures  | Course notes |
| 4) | Working with tables | Course notes |
| 5) | Working with frames | Course notes |
| 6) | Designing web pages | Course notes |
| 7) | Midterm exam |  |
| 8) | Introduction to CSS | Course notes |
| 9) | Formatting text with CSS | Course notes |
| 10) | Formatting pictures with CSS | Course notes |
| 11) | Formatting forms and tables with CSS | Course notes |
| 12) | Controlling layout with CSS | Course notes |
| 13) | Designing webpages with HTML + CSS | Course notes |
| 14) | Final Examination |  |
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| **SOURCES** |
| **Textbook** | Wooldridge, Mike. Wooldridge, Linda.  Teach Yourself Visually HTML and CSS. |
| **Additional Resources** | Course webside , course notes, text book |

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| **MATERIAL SHARING** |
| **Documents** | Course webside, course notes  |
| **Homeworks** | Homeworks, interm papers |
| **Exams** | Midterm, final  |
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| **ASSESSMENT SYSTEM** |
| **IN-TERM STUDIES** | **NUMBER** | **PERCENTAGE** |
| **Mid-terms** | 1 | 35.71 |
| **Interm -papers** | 2 | 28.58 |
| **Homework** | 5 | 35.71 |
| **Total** |   | 100 |
| **Contribution Of Final Examination To Overall Grade** |   | 30 |
| **Contribution Of In-Term Studies To Overall Grade** |   | 70 |
| **Total** |   | 100 |

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| **COURSE CATEGORY** | Expertise/Field Courses |

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| **COURSE'S CONTRIBUTION TO PROGRAM** |
| No | Program Learning Outcomes | Contribution |
| 1 | 2 | 3 | 4 | 5 |  |
| 1 | E-Commerce and Technology Management Master graduated, Describe contemporary e-Commerce environment |  |  |  |  |  | X |
| 2 | E-Commerce and Technology Management Master graduated, Review concepts and terminology together with processes and management decisions involved |  |  |  |  | X |  |
| 3 | E-Commerce and Technology Management Master graduated, Apply techniques of using of JavaScript, JScript, DHTML, CSS, ASP, XML documents to external resources |  |  |  | X |  |  |
| 4 | E-Commerce and Technology Management Master graduated, Demonstrate an understanding of transforming and presentation languages |  |  |  |  | X |  |
| 5 | E-Commerce and Technology Management Master graduated, Assess major e-Commerce opportunities, limitations, issues and risks |  |  |  |  |  | X |
| 6 | E-Commerce and Technology Management Master graduated, Skills in project and risk management, awareness about importance of entrepreneurship, innovation and long-term development, and recognition of international standards and methodologies.  |  |  |  |  |  | X |
| 7 | E-Commerce and Technology Management Master graduated, Recognition of the need for, and the ability to access information, to follow recent developments in science and technology, and to engage in life-long learning. |  |  |  |  |  | X |
| 8 | E-Commerce and Technology Management Master graduated An ability to design, implement and evaluate an information system, component, process or program that meets specified requirements. |  |  |  | X |  |  |

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| **ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION** |
| **Activities** | Quantity | Duration(Hour) | TotalWorkload(Hour) |
| **Course Duration (Including the exam week: 16x Total course hours)** | 16 | 3 | 48 |
| **Hours for off-the-classroom study (Pre-study, practice)** | 16 |  4 | 64 |
| **Mid-terms** | 1 | 20 | 20 |
| **Homework** | 5 | 4 | 20 |
| **In-term papers** | 1 | 28 | 28 |
| **Final examination** | 1 | 10 | 10 |
| **Total Work Load** |  |  | 190 |
| **Total Work Load / 25 (h)** |  |  | 7,6 |
| **ECTS Credit of the Course** |  |  | 8 |