# AYDIN ADNAN MENDERES UNIVERSITY
## COURSE INFORMATION FORM

| Course Title | İnternet Programming | | | | | | |
|---|---|---|---|---|---|---|---|
| Course Code | BDT156 | | Couse Level | Short Cycle (Associate's Degree) | | | |
| ECTS Credit | 2 | Workload | 50 *(Hours)* | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | With this course students; It will be competent to do HTML processing for WEB project. | | | | | | |
| Course Content | Internet and Web Definitions, Html Basic Tags, Text and View Labels, Linking (Hyperlink) Creation, Table Operations, Forms, Frames, Multimedia Tools, Style Template (CSS) Basics, Style Template (CSS) Menu Operations, Browser Problems and Solutions . | | | | | | |
| Work Placement | N/A | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Experiment, Demonstration, Case Study, Project Based Study, Problem Solving | | | |
| Name of Lecturer(s) | | | | | | | |

## Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---|---|---|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 70 |

## Recommended or Required Reading

| | |
|---|---|
| 1 | İbrahim Çelikbilek - Javascript Programlama (Kodlab yayıncılık) |

| Week | Weekly Detailed Course Contents | |
|---|---|---|
| 1 | Theoretical | Basic Internet Concepts |
| 2 | Theoretical | Web Design Concepts |
| 3 | Theoretical | HTML concepts |
| 4 | Theoretical | Creating style |
| 5 | Theoretical | Creating styles |
| 6 | Theoretical | Javascript concepts |
| 7 | Theoretical | Javascript concepts |
| 8 | Theoretical | Variables and operators |
| 9 | Theoretical | Control terms |
| 10 | Theoretical | Functions |
| 11 | Theoretical | Events, objects and properties |
| 12 | Theoretical | Objects and properties |
| 13 | Theoretical | Web design terms |
| 14 | Theoretical | Web design terms |

## Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---|---|---|---|---|
| Lecture - Theory | 14 | 0 | 1 | 14 |
| Lecture - Practice | 14 | 0 | 1 | 14 |
| Midterm Examination | 1 | 10 | 1 | 11 |
| Final Examination | 1 | 10 | 1 | 11 |
| | | | Total Workload (Hours) | 50 |
| | | | [Total Workload (Hours) / 25*] = **ECTS** | 2 |

*25 hour workload is accepted as 1 ECTS

## Learning Outcomes

| | |
|---|---|
| 1 | To install and test the necessary software for client-side programming |
| 2 | To prepare WEB page with basic commands of client-side programming and marking language. |
| 3 | Will be able to determine solution suggestions and process steps. |

| 4 | To be able to explain Javascript control structures |
|---|---|
| 5 | To be able to transfer the preparations on paper to computer environment. |

**Programme Outcomes** *(Alternative Energy Sources Technology)*

| 1 | Carry out installing work |
|---|---|
| 2 | Do mechanical drawing |
| 3 | Do pipe welding |
| 4 | Do basic electricity works |
| 5 | Do Computer assisted design |
| 6 | Install solar energy hot water preparation system. |
| 7 | Do measurement and calculations practices. |
| 8 | Do basic practices of geothermal energy. |
| 9 | Install control and automation system. |
| 10 | Install domestic water heating system with solar energy. |
| 11 | Generate electricity with solar energy |
| 12 | Generate electricity with wind  power |
| 13 | Do geothermal energy practices |
| 14 | Install domestic cooling system |
| 15 | Do heating pump practices |
| 16 | Manage a business |
| 17 | SET UP A WORKPLACE/ BUSINESS (pre-requisite) |
| 18 | OBEY VOCATIONAL ETHICAL VALUES |
| 19 | RESEARCH AND EVALUA0TION/OBSERVATION |
| 20 | SELFIMPROVEMENT WITH USING INFORMATION FACILITIES |
| 21 | Knows the effects of all energy sources on the environment. |
| 22 |  Can communicate in a foreign language |
| 23 | Ability to use the methods and techniques of career planning and discussing the effects of character traits on career preferences. |
| 24 | Ability to plan a career in their own profession. |
| 25 | To produce solutions by using the laws of physics in the use or design of tools-machines or devices related to the profession. |
| 26 | To provide them with knowledge about substance use and addiction problem and prevention methods. |

**Contribution of Learning Outcomes to Programme Outcomes** *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

|  | L1 | L2 | L3 | L4 | L5 |
|---|---|---|---|---|---|
| P5 | 1 | 2 | 2 | 2 | 2 |