



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Internet Programming - II							
Course Code		BPR202		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	5	Workload	125 ( <i>Hours</i> )	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		With this course students; will be able to write web programs that can work on the internet and use the database and web services.							
Course Content		Software installation and publishing for Web server, Variables and constants, Operators and process priority, Decision control statements loop control statements, User defined functions, Ready functions Sequence operations, File operations, Web forms, Inter-page data transfer Database connectivity, Database operations, XML applications and web services.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Ins. Mehmet Can HANAYLI							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Software Development with Mean Stack Hiperlink Publishing - Özel Sebetci
2	39/5000 Asp.net 4.0, S. Algan, Kodlab Publisher.

Week	Weekly Detailed Course Contents	
1	Theoretical	Software installations and publishing for the web server
2	Theoretical	Variables and constants, operators and process priority
3	Theoretical	Decision control statements, loop control statements
4	Theoretical	User defined functions
5	Theoretical	Ready functions
6	Theoretical	Array operations
7	Theoretical	File operations
8	Theoretical	Web forms
9	Intermediate Exam	midterm
10	Theoretical	Web forms
12	Theoretical	Database connectivity
13	Theoretical	Database operations-1
14	Theoretical	Database operations-2
15	Theoretical	XML applications and web services
16	Final Exam	Final Examination

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Lecture - Practice	14	0	1	14
Assignment	1	0	25	25
Laboratory	16	0	1	16
Reading	16	0	1	16
Midterm Examination	1	5	1	6



Final Examination	1	5	1	6
Total Workload (Hours)				125
[Total Workload (Hours) / 25*] = <b>ECTS</b>				5
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To be able to set up and test the software required for web-based programming
2	To be able to prepare Web page with basic commands of web programming language
3	To be able to prepare a web page using functions and objects in programming language
4	Create Web form applications
5	Using Web Services

### Programme Outcomes (Computer Programming)

1	Having knowledge and skills in web project preparation and publishing
2	Having the knowledge and skills necessary for proper use management of database applications
3	Having knowledge and skills for software development, testing and installation
4	Be able to use the hardware necessary for computer programming and solve the basic problems they have with hardware
5	To be able to use information and communication technologies at the level required by computer programming
6	To be able to produce solutions to problems encountered in the field
7	Having the competencies to make job planning in the profession
8	Communicating with colleagues and clients based on knowledge and skills
9	Be able to take responsibility as an individual or as a team member and to fulfill the responsibility
10	To be able to express written and oral expressions related to the study topic
11	Be able to adapt the winning information to new situations

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

	L1	L2	L3	L4	L5
P1	5	5	5	5	5
P2	5	5	5	5	5
P3	4	4	4	4	4
P4	3	3	3	3	3
P5	3	3	3	3	3
P6	4	4	4	4	4
P7	3	3	3	3	3
P8	4	4	4	4	4
P9	4	4	4	4	4
P10	2	2	2	2	2
P11	2	2	2	2	2

